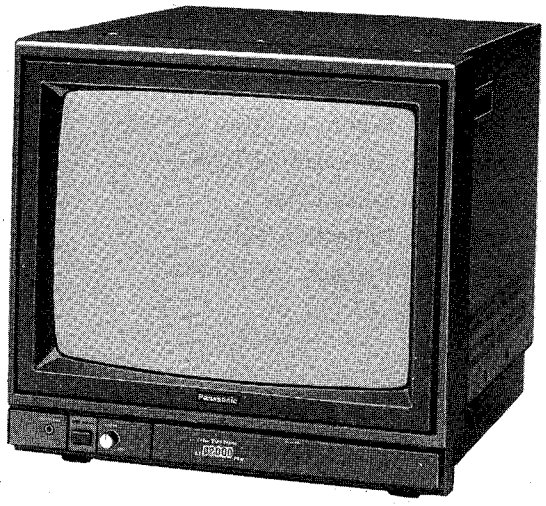
ORDER NO. ITD8310783C2

Service Manual

Colour Video Monitor

BT-D2000PSN

M12CA chassis



Specifications

Power Source:	220 V – 240 V, AC 50 Hz
Power Consumption:	82 W (Max.)
Receiving Systems:	PAL, SECAM, M-NTSC
Input Level:	
Video input;	V: 0.7V (p-p), positive
	VS: 1.0V (p-p)
Sync input;	S: 1 – 4V (p-p), negative
Input Impedance:	High impedance bridging and 75Ω (BNC unbalanced)
Video Output Level:	CRT drive output level (R cathode) V: 70V (p-p)
Anode Voltage:	23.2 kV $^{+1.5}_{-1.3}$ kV (at zero beam current)
Semiconductors:	Transistors. 82
	Diodes. 61
	Posistor. 1
	Varistor. 1
	Integrated Circuits. 15

Picture Tube:	M48JFB09X 51 cm (20") measured diagonally, 90° deflection
Speaker:	8 cm, 16 Ω, Round Type
Engineering Features:	Sync Switch
	Chroma Switch
	Trap Switch
	Blue Only Switch
	Horizontal Delay Switch
	Vertical Delay Switch
	Underscan Switch
Dimensions:	Height: 443.7 mm (17.5")
	Width: 482 mm (19.0")
	Depth: 500 mm (19.7")
Weight:	Less than 30 kg (58.5 lbs.)

Specifications are subject to change without notice.
Weight and dimensions shown are approximate.

Panasonic

Matsushita Electric Trading Co., Ltd.
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ABBREVIATIONS USED IN THIS MANUAL

APC	Automatic Phase Control
CRT	Cathode Ray Tube
DL	Delay Line
DY	Deflection Yoke
FBT	Flyback Transformer
PCC	Pincushion Coil
REG	Regulator
SG	Sweep Generator
TP	Test Point
VTVM	Vacuum Tube Volt Meter

SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. It is advisable to insert an isolation transformer in the power line and AC supply before servicing a hot chassis.
2. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations, are properly installed.
4. Before turning the receiver on, measure the resistance between B+ line and chassis earth. Connect ⊖ side of an ohmmeter to the B+ lines, and ⊕ side to chassis earth. Each line should have more resistance than specified, as follows.
5. When the Monitor is not to be used for a long period of time, unplug the power cord from the AC outlet.
6. Potentials, as high as 23.2 kV, are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the receiver chassis before handling the tube.
7. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

B+ Line	Test Point	Minimum Resistance
900V	Y10	3MΩ
190V	TPE6	30kΩ
113V	TPE1	10kΩ
25V	TPE4	300Ω
16V	TPE3	300Ω
12V	TPE2	150Ω

LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screwheads, antennas, control shafts, handle bracket, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 490 kΩ and 5.2 MΩ. When the exposed metal does not have a return path to the chassis, the reading must be ∞.

LEAKAGE CURRENT HOT CHECK (See Fig. 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 2 kΩ, 10 watts resistor, in series with an exposed metallic part on the set and an earth such as a water pipe.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 1.4 volts RMS. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

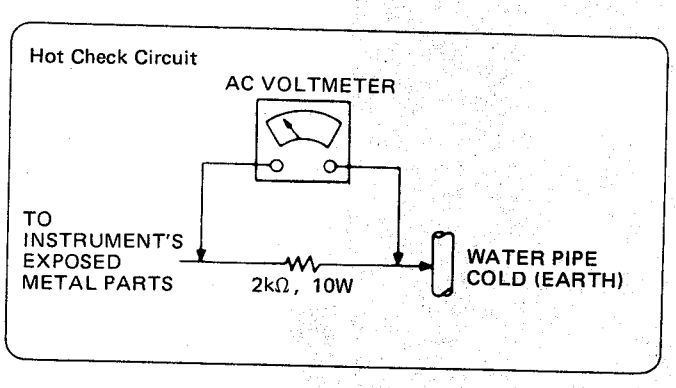


Fig. 1

X-RADIATION

WARNING: 1. The potential source of X-Radiation in the Monitor is the High Voltage section and the picture tube.

2. When using a picture tube test jig for service, ensure that jig is capable of handling 23.2 kV without causing X-Radiation.

NOTE: It is important to use an accurate periodically calibrated high voltage meter.

1. Turn Bright control (R391) fully counterclockwise.
2. Set Service switch (S301) to SERVICE position.
3. Measure the High Voltage. The meter reading should indicate 23.2 kV $^{+\ 1.5}_{-\ 1.3}$ kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
4. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

HORIZONTAL OSC. DISABLE CIRCUIT TEST

This test must be made as a final check before the set is returned to the customer.

1. Operate the Monitor.
2. Set Bright (R391), Contrast (R394) and Sub bright (R304) controls to their minimum positions.
3. Supply 11.2V DC voltage to TPE21.
4. Confirm that the shut down circuit does not operate.
5. Supply 12.3V DC voltage to TPE21.
6. Confirm that the shut down circuit operates.

LOCATION OF CONTROLS

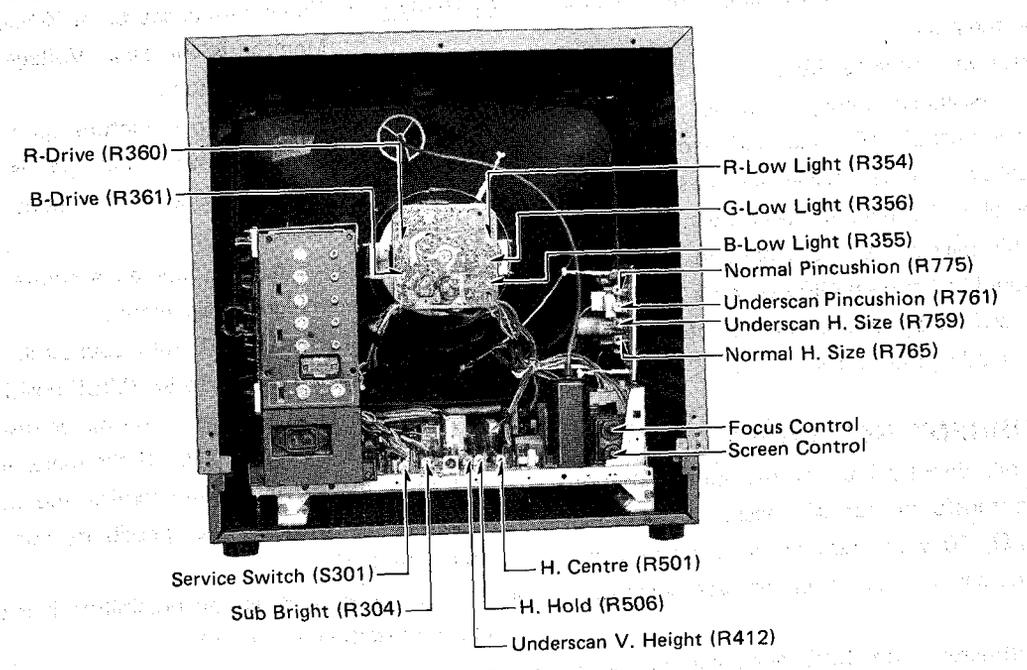


Fig. 2

SERVICE POSITION

Pull the main chassis towards you, and then swing the main chassis upward for servicing the foil side of E-Board shown in Fig. 3.

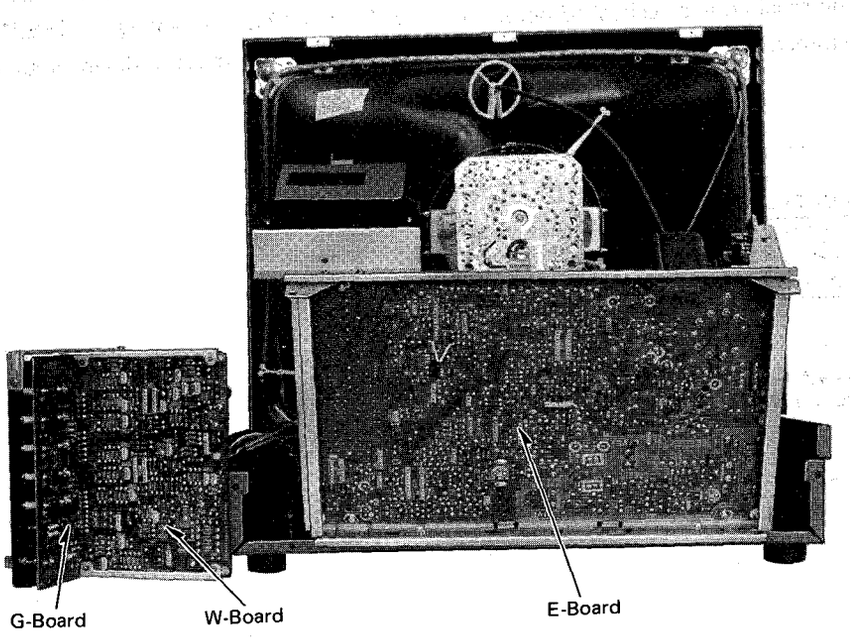


Fig. 3

SERVICING ADJUSTMENTS

Note: Before all adjustments described below are attemped, V. Hold, V. Height, H. Hold, H. Width and Focus adjustments must be completed.

COLOUR PURITY ADJUSTMENT (See Fig. 2)

STEP 1

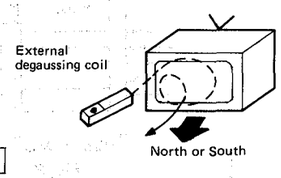
Place the colour video monitor facing NORTH or SOUTH.

STEP 2

1. Power : ON
2. Operate the colour video monitor over 15 minutes.

STEP 3

Fully degauss the CRT by using an external degaussing coil.

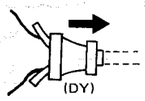


STEP 4

1. Input : Crosshatch pattern signal.
2. Adjust : Static convergence (roughly)

STEP 5

1. Loosen clamp screw of the deflection yoke.
2. Pull the DY toward you.



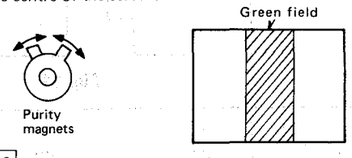
STEP 6

Set controls:

Red low light (R354). . . . . .Minimum position
Green low light (R356) . . . . . .Mid position
Blue low light (R355) . . . . . .Minimum position
Bright control (R391) } . . . . . Maximum position
Contrast control (R394) }

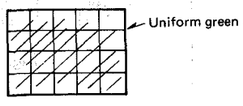
STEP 7

Adjust the purity magnets so that green field is obtained at the centre of the screen.



STEP 8

Slowly push the deflection yoke toward bell of the picture tube and set it where a uniform green field is obtained.



STEP 9

Confirm the red and the blue
Tighten the clamp screw.

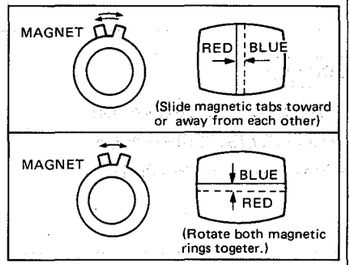
CONVERGENCE ADJUSTMENT (See Fig. 4)

STEP 1

Input : Crosshatch pattern signal.

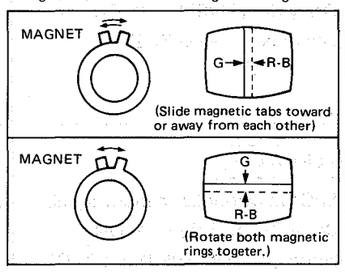
STEP 2

Adjust red with blue line at the centre of the screen by rotating R-B static convergence magent.



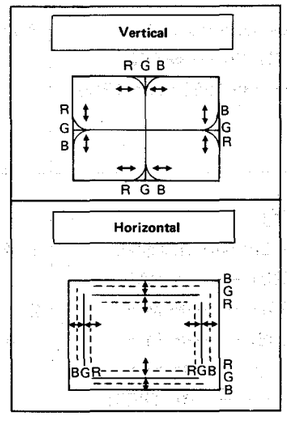
STEP 3

Adjust red-blue with green line at the centre of the screen by rotating (RB)-G static convergence magnet.



STEP 4

Remove the DY wedges and slightly tilt the deflection yoke horizontally and vertically to obtain the good overall convergence.



STEP 5

Fix the deflection yoke by wedges.
If purity error is found, repeat before-mentioned "Colour Purity Adjustment" instructions.

WHITE BALANCE ADJUSTMENT (See Fig. 2)

STEP 1

Input : Black & White picture signal.

STEP 2

Set controls as below:

Red Low Light (R354)
Green Low Light (R356) } ---- 45° Mid position
Blue Low Light (R355)

Red drive (R360) }
Blue drive (R361) } . . . . . .Mid position
Contrast control (R394). . . . . .Maximum position
Screen control (on FBT) }
Colour control (R692) } . . . . .Minimum position

STEP 3

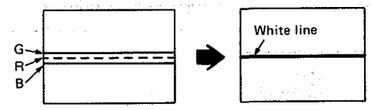
Service switch (S301) ➡ SERVICE position

STEP 4

Slowly turn the screen control (on FBT) clockwise to the point where one of R, G, B beams just illuminates.

STEP 5

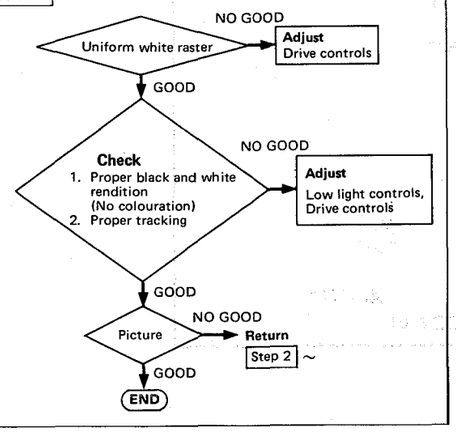
Set the low light control of the colour which appeared at the step 4 as it is, and turn the remained low light controls clockwise, from the setting position at the step 2, so as to get a white horizontal line on the picture tube.



STEP 6

Service switch ➡ NORMAL position

STEP 7



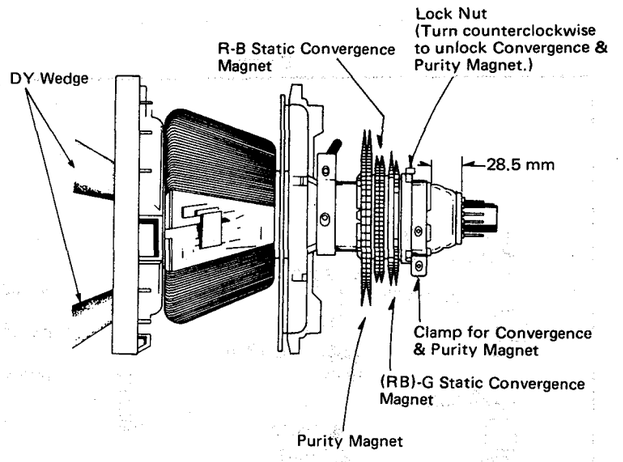


Fig. 4

NOTE:

1. Wedge A shown in Fig. 4 should be fixed within a range of 0° ~ 30° to the left of the vertical line as shown.
2. After inserting wedge A, insert wedges B and C. The wedges should be set 120° apart from each other.
3. Be certain that the three wedges are firmly fixed and the Deflection Yoke is tightly clamped in place. Otherwise the Deflection Yoke may shift its position and cause a loss of convergence and purity.

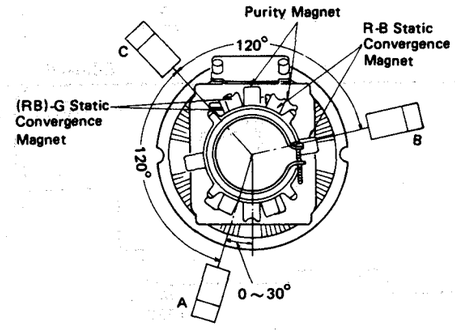


Fig. 5

ADJUSTMENT

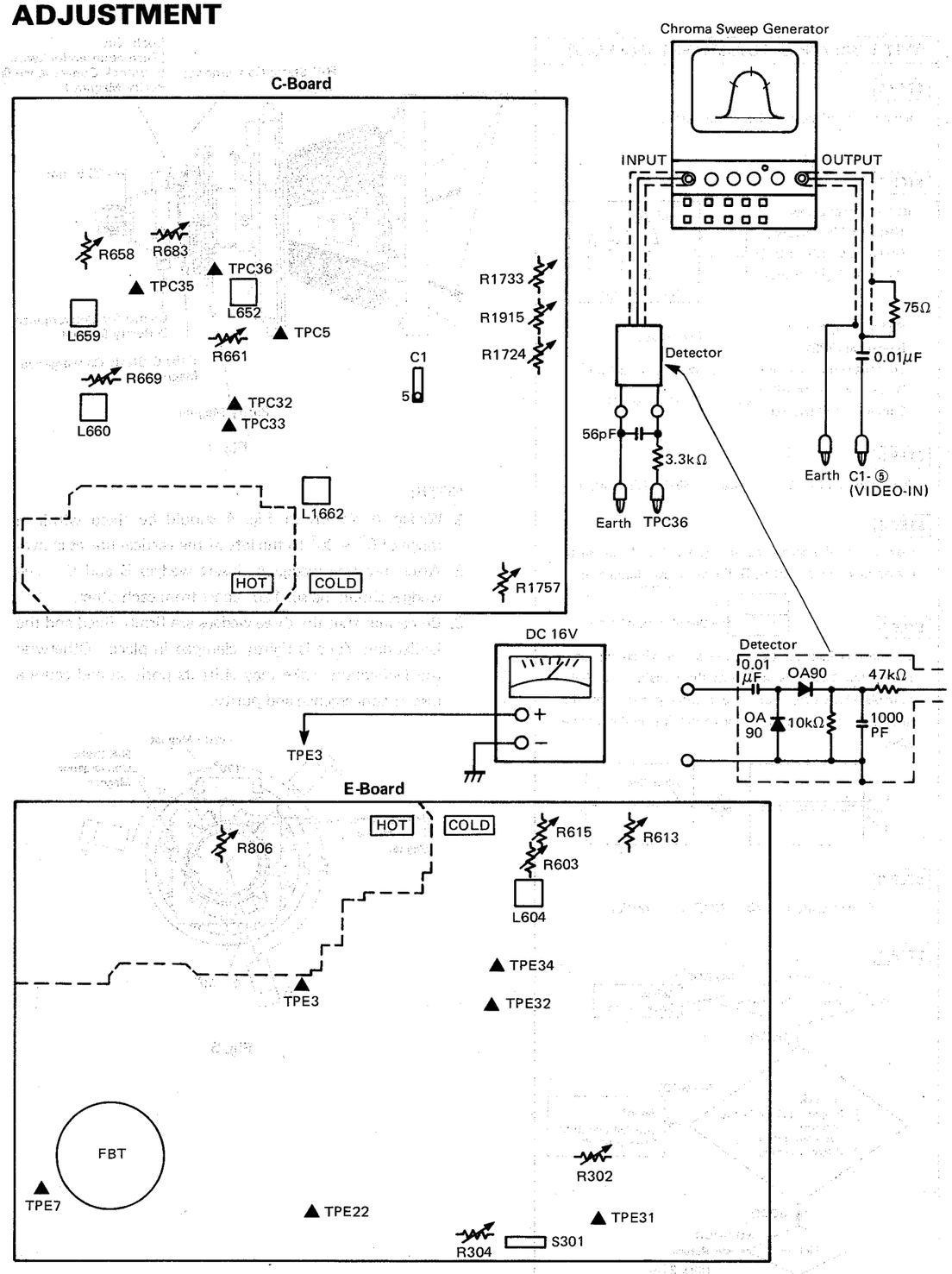
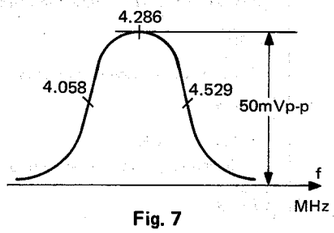
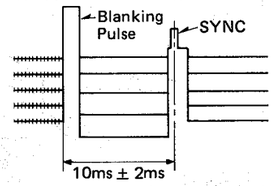
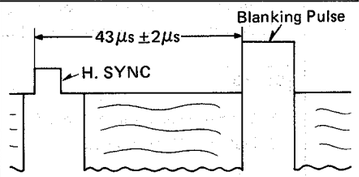
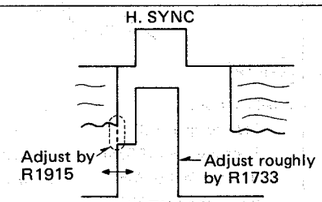
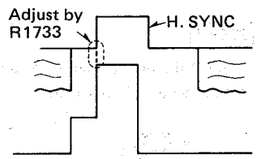
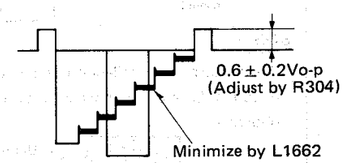
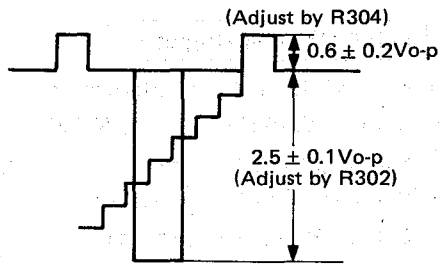
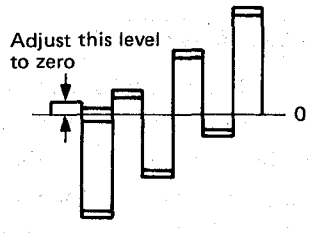
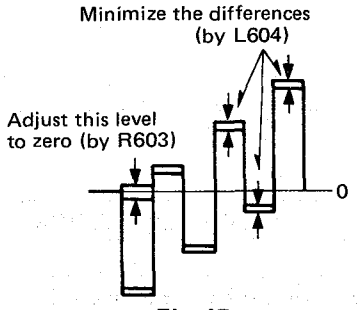
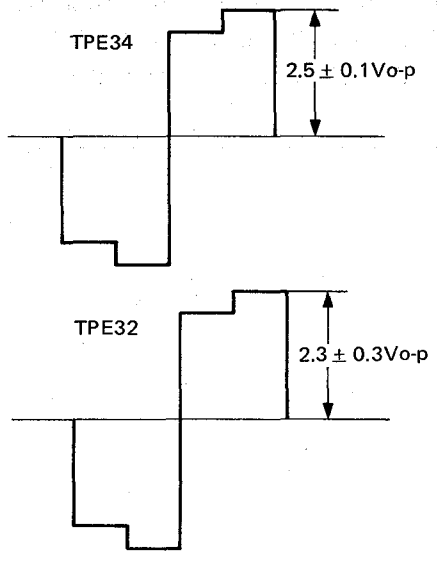
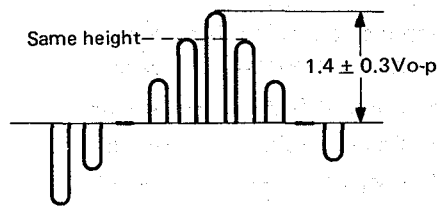
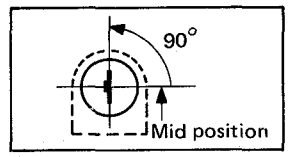
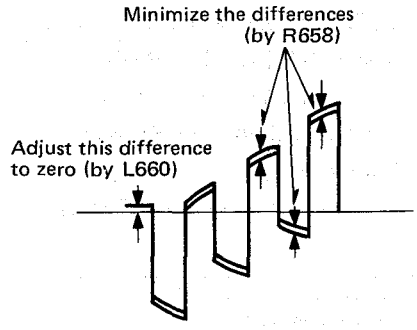


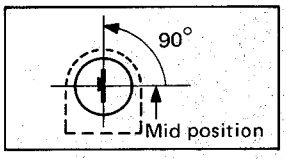
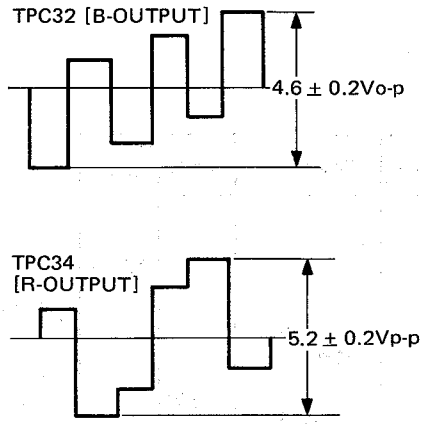
Fig. 6

ITEM/PREPARATION	ADJUSTMENT	WAVEFORM
Bell Filter Test equipment connection is shown in Fig. 6. • System SW (S901) → SECAM • DC 16V → TPE3	1. Adjust SG Output Level : 50mVp-p 2. Adjust Chroma Trans. (L652) Waveform : Fig. 7	 Fig. 7
V. Delay Input PAL colour bar pattern signal. • V. Delay SW (S1796) → ON • Oscilloscope → TPE31	Adjust V. Delay control (R1757) Waveform : Fig. 8	 Fig. 8
H. Delay Input PAL colour bar pattern signal. • H. Delay SW (S1795) → ON • Oscilloscope → TPE31	Adjust H. Delay control (R1724) Waveform : Fig. 9	 Fig. 9
FF Pulse Delay Input SECAM colour bar pattern signal. • H. Delay SW (S1795) → ON • Oscilloscope → TPE31 and TPC5	Adjust FF Pulse Delay control (R1915) Waveform : Fig. 10	 Fig. 10
H. Pulse Delay Input PAL/Philips pattern signal. • H. Delay SW (S1795) → ON • Oscilloscope → TPE31 and TPC5	Adjust H. Pulse Delay control (R1733) Waveform : Fig. 11	 Fig. 11
4.43 MHz Trap Input PAL colour bar pattern signal. • System SW (S901) → PAL • Contrast (R394) → Max. • Sharpness (R398) → Max. • Colour (R692) → Min. • Oscilloscope → TPE31	1. Adjust Sub Bright (R304) Blanking level : 0.6 ± 0.2Vo-p 2. Adjust L1662 4.43 MHz ingredient : To minimize	 Fig. 12

ITEM/PREPARATION	ADJUSTMENT	WAVEFORM
Sub Contrast Input studio colour bar signal • Bright (R391) ⟶ Min. • Contrast (R394) ⟶ Max. • Colour (R692) ⟶ Min. • Oscilloscope ⟶ TPE31	1. Adjust Sub Bright (R304) Blanking level : 0.6 ± 0.2Vo-p 2. Adjust Sub Contrast (R302) White level : 2.5 ± 0.1Vo-p	 **Fig. 13**
Colour Phase Input PAL colour bar pattern signal. • System SW (S901) ⟶ PAL • Bright (R391) ⟶ Min. • Contrast (R394) ⟶ Max. • Colour (R692) ⟶ Max. • Oscilloscope ⟶ TPE32	Adjust APC control (R615) Waveform : Fig. 14	 **Fig. 14**
PAL Delay Line Input PAL colour bar pattern signal. • System SW (S901) ⟶ PAL • Bright (R391) ⟶ Min. • Contrast (R394) ⟶ Max. • Colour (R692) ⟶ Max. • Oscilloscope ⟶ TPE32	Adjust DL Adj. (R603) and DL Matching Trans. (L604) Waveform : Fig. 15	 **Fig. 15**
PAL Colour Output Input PAL colour bar pattern signal. • System SW (S901) ⟶ PAL • Sub Bright (R304) ⟶ Min. • Contrast (R394) ⟶ Max. • Colour (R692) ⟶ Max.	1. Connect oscilloscope to TPE34. 2. Adjust R613 Waveform : Fig. 16 3. Connect oscilloscope to TPE32. 4. Confirm the waveform. 5. Connect oscilloscope to TPC34. 6. Adjust R612 R-Y output : 2.5 ± 0.1Vo-p 7. Connect oscilloscope to TPC32, TPC33. 8. Confirm B-Y, G-Y B-Y Output : 2.3 ± 0.3Vo-p G-Y Output : 2.3 ± 0.3Vo-p	 **Fig. 16**

ITEM/PREPARATION	ADJUSTMENT	WAVEFORM
M-NTSC Colour Output Input M-NTSC rainbow pattern signal. • System SW (S901) ⟶ M-NTSC • Sub Bright (R304) ⟶ Min. • Contrast (R394) ⟶ Max. • Colour (R692) ⟶ Max.	1. Connect oscilloscope to TPE32. 2. Confirm the waveform Waveform : Fig. 17 3. Connect oscilloscope to TPE34. 4. Confirm the waveform R-Output : 1.2 ± 0.3Vo-p	 **Fig. 17**
SECAM Delay Line Input SECAM colour bar pattern signal. • System SW (S901) ⟶ SECAM • Bright (R391) ⟶ Min. • Contrast (R394) ⟶ Max. • Colour (R692) ⟶ Max. • Oscilloscope ⟶ TPC32	1. Adjust SECAM R-Y (R661), B-Y (R669) controls as below.  2. Adjust SECAM DL Adj. (R658) and L660. Waveform : Fig. 18	 **Fig. 18**

ITEM/PREPARATION	ADJUSTMENT
SECAM Line Discriminator Input SECAM colour bar pattern signal. • System SW (S901) ⟶ SECAM • DC Voltmeter ⟶ TPC35	1. Adjust L659 to minimize the voltage of TPC35. 2. Turn clockwise L695 so that voltage of TPC35 is plus 0.1 ~ 0.2V from the minimum voltage.

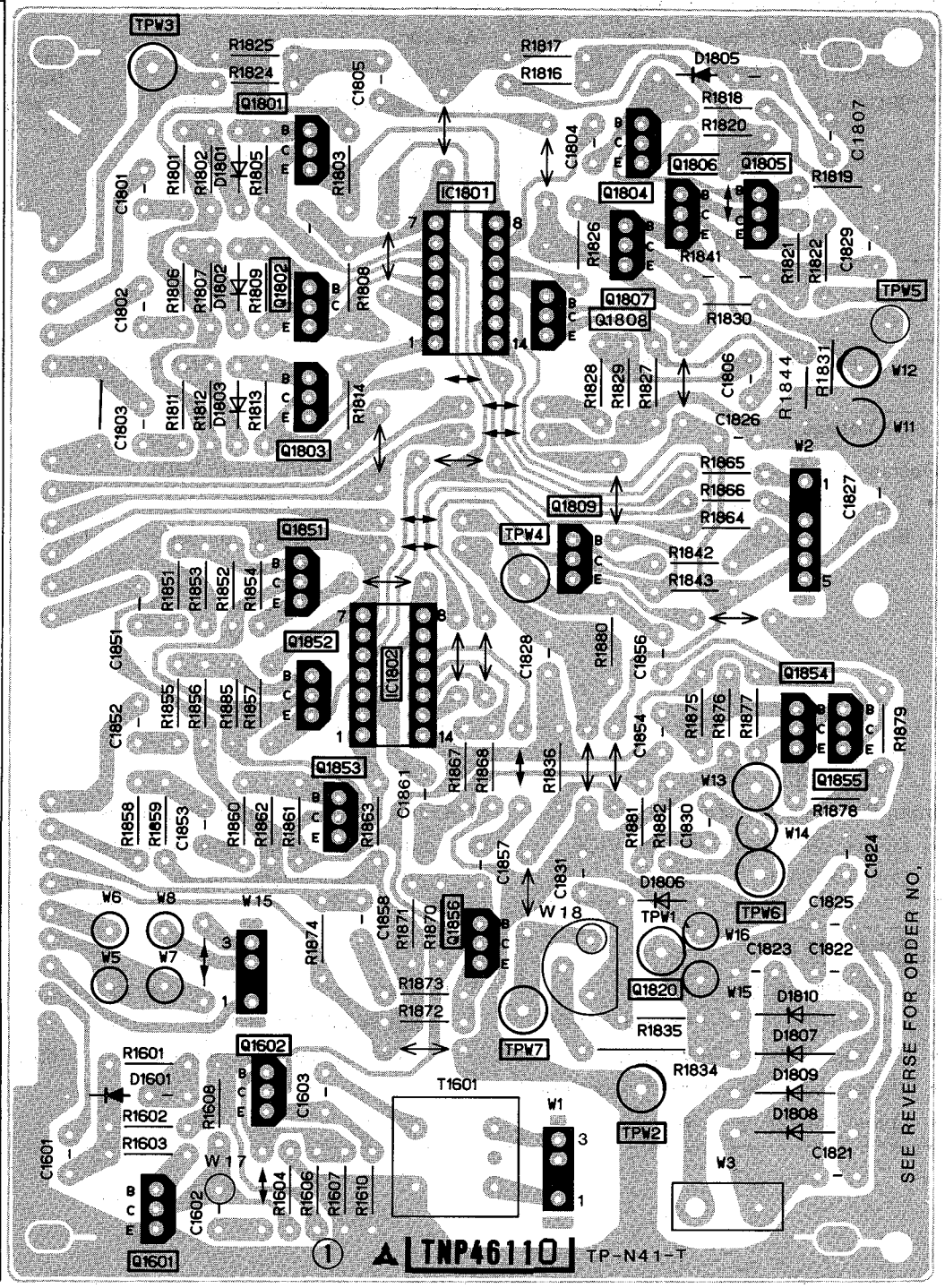
ITEM/PREPARATION	ADJUSTMENT	WAVEFORM
SECAM Colour Output Input SECAM colour bar pattern signal. • System SW (S901) —— SECAM • Sub Bright (R304) —— Min. • Contrast (R394) —— Max. • Colour (R692) —— Max. • SECAM R-Y (R661) } as below • SECAM B-Y (R669) } 	1. Connect oscilloscope to TPC32. 2. Adjust SECAM B-Y control (R669) B-Output : 4.6 ± 0.2Vp-p 3. Confirm the waveform Waveform : Fig. 19 4. Connect oscilloscope to TPC34. 5. Adjust SECAM R-Y control (R661) R-Output : 5.2 ± 0.2Vp-p 6. Confirm the waveform Waveform : Fig. 19	 **Fig. 19**

ITEM/PREPARATION	ADJUSTMENT
B+ Voltage Operate the Monitor • Sub Bright (R304) ⟶ Min. • Bright (R391) ⟶ Min.	1. Connect DC voltmeter to TPE1. 2. Adjust B+ Adj. (R806) The reading of DC voltmeter : 113 ± 1V 3. Confirm B+ voltages TPE2 —— 12 ± 1V TPE3 —— 16 ± 2V TPE4 —— 24 ± 2V TPE6 —— 203 ± 15V
High Voltage Input Philips pattern signal. • Service SW (S301) ⟶ SERVICE • Colour (R692) ⟶ Min.	1. Connect high voltage meter (electrostatic type) to the anode of CRT. 2. Confirm that the high voltage is within a range of $23.2^{+1.5}_{-1.3}$ kV. 3. If it's lower or higher, adjust slightly B+ Adj. (R806).
Sub Bright Input Philips pattern signal. • Bright (R391) ⟶ Click position • Contrast (R394) ⟶ Max. • Sharpness (R398) ⟶ Click position • Colour (R692) ⟶ Min.	1. Connect ⊖ side of DC ammeter to TPE7, and ⊕ side to TPE22. 2. Adjust Sub Bright (R304) The reading of DC ammeter : 760 ± 10μA

CONDUCTOR VIEWS

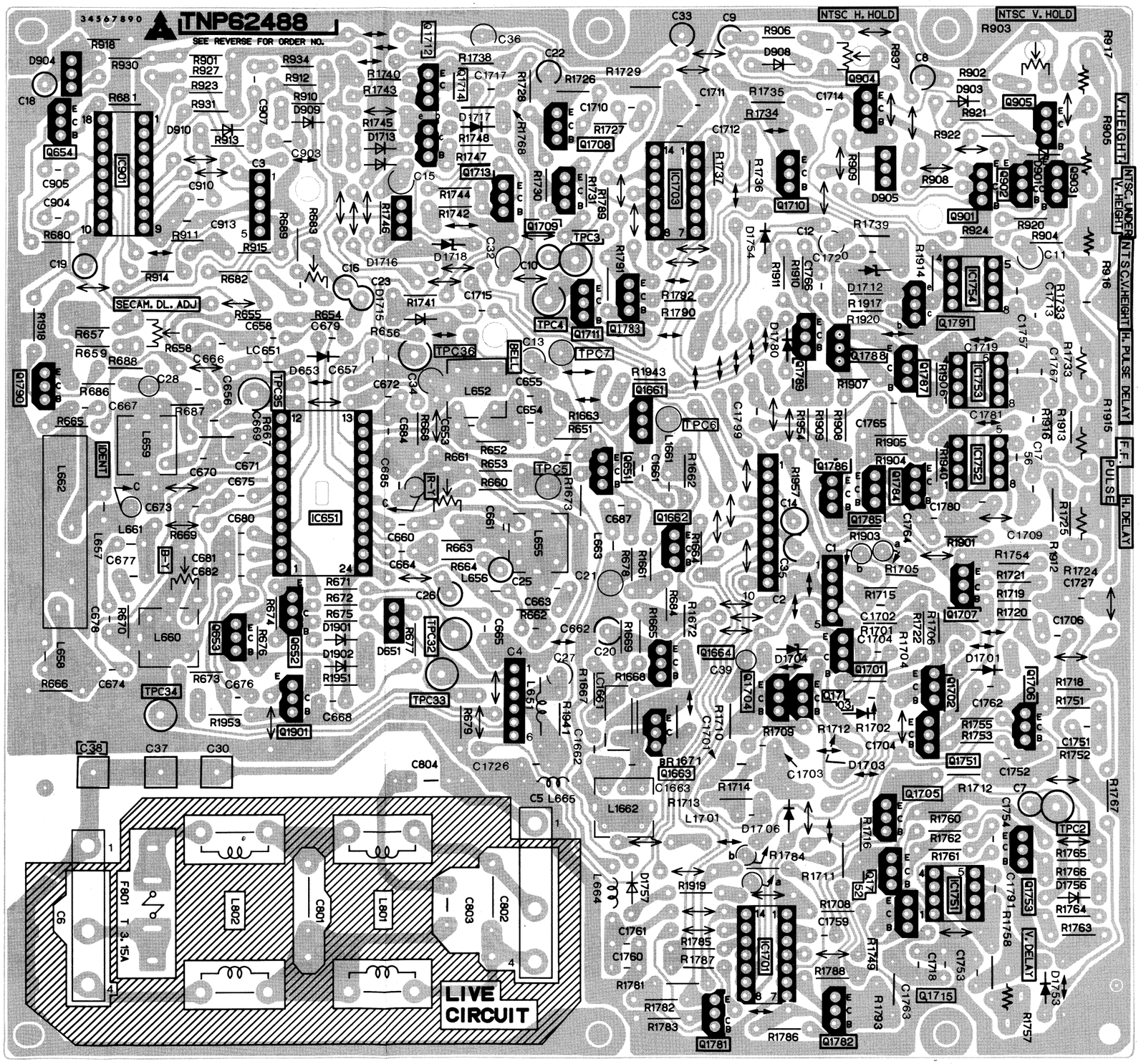
W-BOARD TNP46110AB

I.C.	Transistor	Diode	Test Point
		D1805	TPW3
	Q1804		
	Q1801		
		D1801	
	Q1806		
	Q1805		
	Q1807		
IC1801			
	Q1802	D1802	TPW5
	Q1808		
	Q1803	D1803	
	Q1809		
	Q1851		TPW4
IC1802	Q1852		
	Q1854		
	Q1855		
	Q1853		
			TPW6
	Q1856		
			TPW7
		D1601	TPW2
	Q1601		



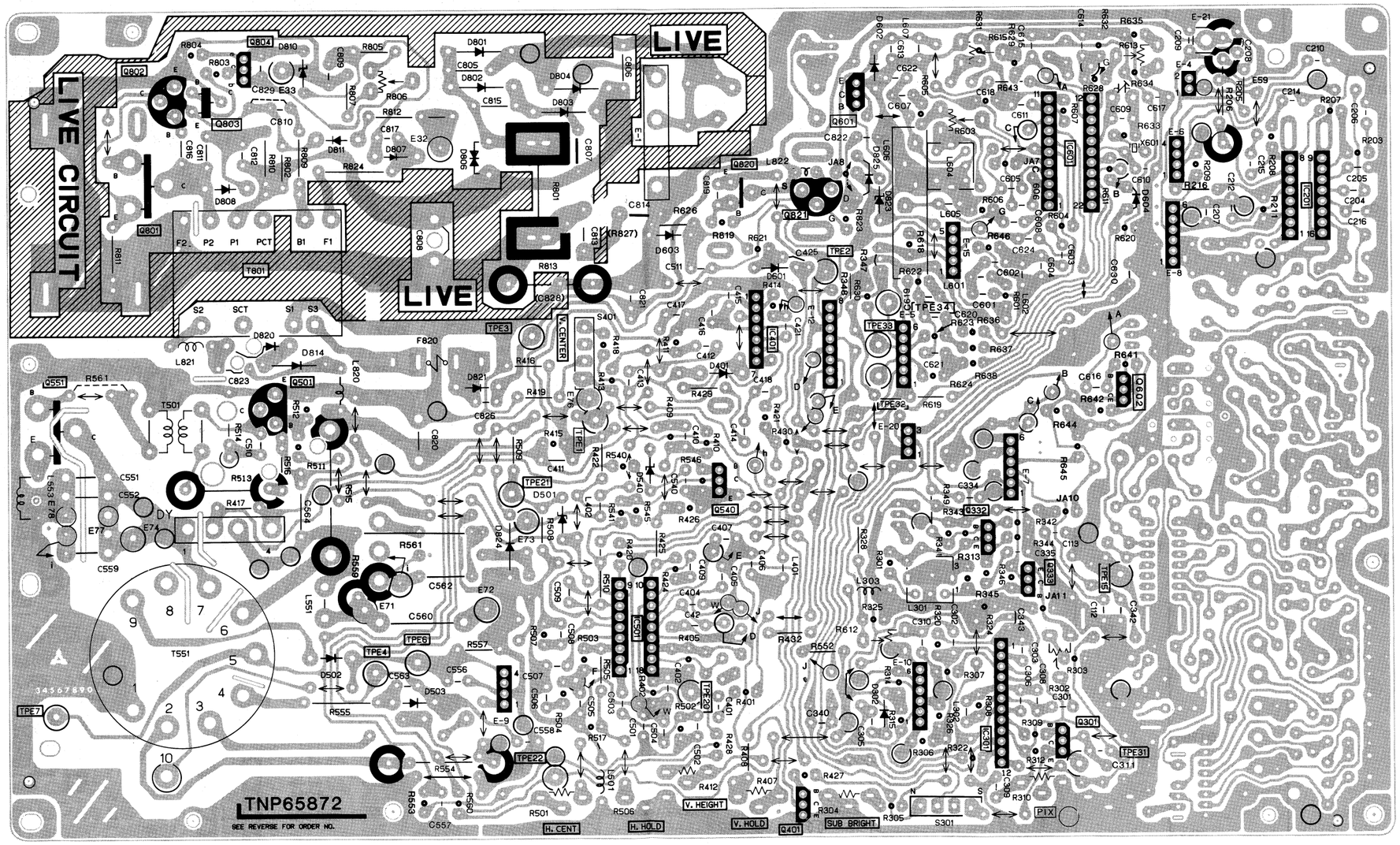
C-BOARD TNP62488ZA

I.C.	Transistor	Diode	Test Point
		D908	
	Q1712	D903	
	Q904 Q905	D909 D1717	
	Q1708	D910	
	Q1714	D1713 D901	
		D1714 D905	
IC901	Q1710 Q901		
IC1703	Q1709 Q902		
	Q1713 Q903		
		D1716 D1754	
		D1718	
			TPC3
		D1712	
IC1754	Q1783		
	Q1711 Q1791	D1715	TPC4
	Q1789		
	Q1788	D654 D1780	TPC7
	Q1787	D653	TPC36
IC1753			
			TPC35
	Q1661		TPC6
IC1752	Q651 Q1784		
	Q1785		TPC5
IC651	Q1786		
	Q1662		
	Q1707		
	Q652	D651	TPC32
	Q653 Q1701		
	Q1664	D1704	
	Q1702	D1701	TPC33
	Q1703		
	Q1704	D1703	
	Q1706		TPC34
	Q1663 Q1751		
			TPC2
	Q1705	D1706	
	Q1753		
	Q1752	D1757	
IC1751		D1756	
	Q1715		
IC1701			
		D1753	
	Q1781 Q1782		



E-BOARD TNP65872ZA

I.C.	IC501 IC401 IC301 IC601 IC201
Transistor	Q551 Q802 Q803 Q804 Q801 Q501 Q820 Q821 Q601 Q540 Q401 Q332 Q333 Q301 Q602
Diode	D808 D810 D811 D807 D820 D814 D502 D503 D801 D802 D806 D821 D824 D501 D804 D803 D603 D540 D601 D401 D602 D823 D302 D604
Test Point	TPE3 TPE21 TPE22 TPE4 TPE6 TPE1 TPE20 TPE2 TPE34 TPE33 TPE32 TPE15 TPE31



SCHEMATIC DIAGRAM FOR MODEL BT-D

IC901																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PAL/SECAM	9.4V	0.2V	12.0V	0.4V	0V	0.1V	0.1V	0.3V	12.0V	—	11.3V	1.1V	0.3V	6.6V	11.9V	—	—	—
M-NTSC	0.1V	6V	12.0V	0.4V	0V	0.1V	0.1V	0.3V	12.0V	—	11.3V	1.1V	0.3V	11.7V	11.9V	—	—	—

C-BOARD
△TNP62488ZA

IC901 AN5640 SYSTEM SW

IC1701 TC4066BP

IC1752 M51848P or M51841P

IC1753 M51848P or M51841P

IC1754 M51848P or M51841P

IC1751 M51848P or M51841P

IC1703 TC4066BP

IC1801 TC4066BP VIDEO SW (Line 1)

IC1802 TC4066BP AUDIO SW (Line 1)

IC201 AN5256 AUDIO

IC501 AN5435 JUNGLE

△W-BOARD TNP46110AB

G-BOARD TNP46111AZ

L-BOARD TNP55235ZA

J-BOARD △TNP55234ZA

△P-BOARD TNP56553ZA

E-BOARD TNP65872ZA

SPEAKER EAS8P47SC

NOTE:

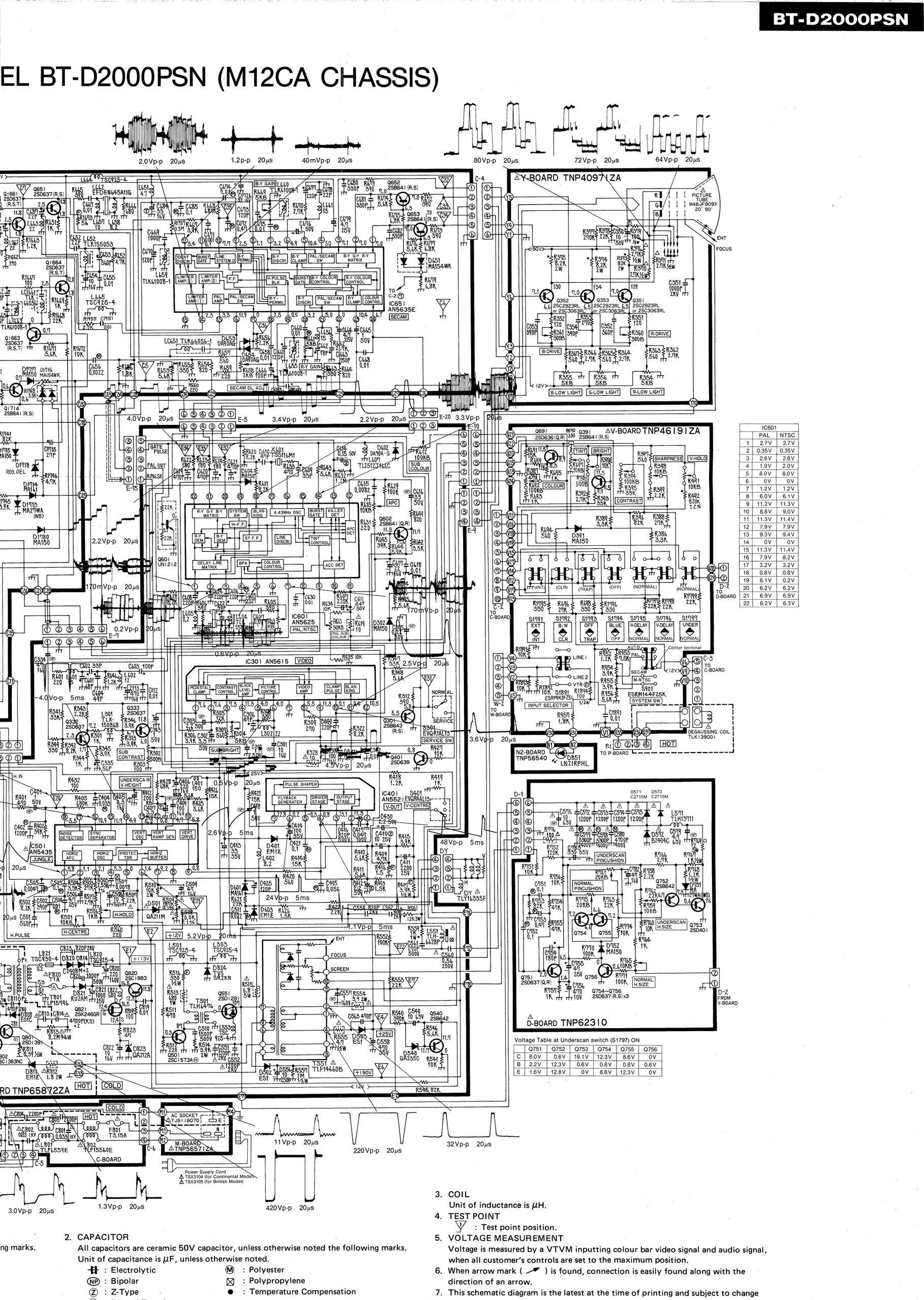
1. RESISTOR
   All resistors are carbon 1/4W resistor, unless otherwise noted the following marks.
   Unit of resistance is OHM (Ω), (K = 1,000, M = 1,000,000).
   - △ : Solid
   - □ : Wire wound
   - Ⓕ : Nonflammable
   - ● : Metal Oxide
   - : Fuse

2. CAP
   All
   Unit

Important safety notice

Components identified by △ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

EL BT-D2000PSN (M12CA CHASSIS)



IC601		
	PAL	NTSC
1	2.7V	2.7V
2	0.35V	0.35V
3	2.6V	2.6V
4	1.9V	2.0V
5	8.0V	8.0V
6	0V	0V
7	1.2V	1.2V
8	6.0V	6.1V
9	11.2V	11.3V
10	8.8V	9.0V
11	11.3V	11.4V
12	7.9V	7.9V
13	9.3V	9.4V
14	0V	0V
15	11.3V	11.4V
16	7.9V	8.2V
17	3.2V	3.2V
18	0.8V	0.8V
19	8.1V	0.2V
20	6.2V	6.2V
21	6.9V	6.9V
22	6.2V	6.3V

Voltage Table at Underscan switch (S1797) ON

	Q751	Q752	Q753	Q754	Q755	Q756
C	8.0V	0.6V	19.1V	12.3V	8.6V	0V
B	2.2V	12.3V	0.6V	0.8V	0.8V	0.6V
E	1.6V	12.8V	0V	8.6V	12.3V	0V

ng marks.

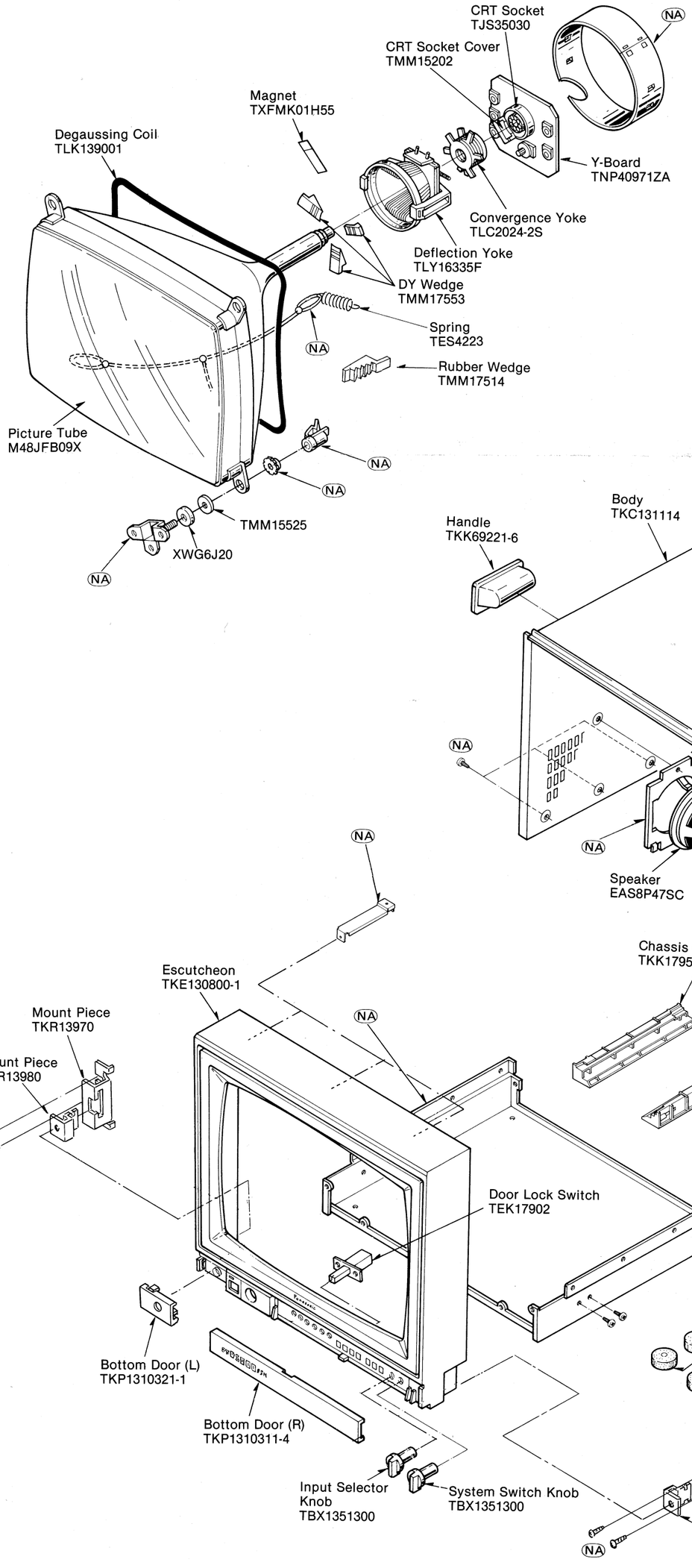
2. CAPACITOR
All capacitors are ceramic 50V capacitor, unless otherwise noted the following marks.
Unit of capacitance is μF, unless otherwise noted.
- ⧺ : Electrolytic
- (M) : Polyester
- (NP) : Bipolar
- ☒ : Polypropylene
- (Z) : Z-Type
- ● : Temperature Compensation
- (T) : Dipped Tantalum

3. COIL
Unit of inductance is μH.
4. TEST POINT
▽ : Test point position.
5. VOLTAGE MEASUREMENT
Voltage is measured by a VTVM inputting colour bar video signal and audio signal, when all customer's controls are set to the maximum position.
6. When arrow mark (➚) is found, connection is easily found along with the direction of an arrow.
7. This schematic diagram is the latest at the time of printing and subject to change without notice.

EXPLODED VIEWS

NOTE: Parts or Components marked with (NA) and unlisted are not available as a replacement parts.

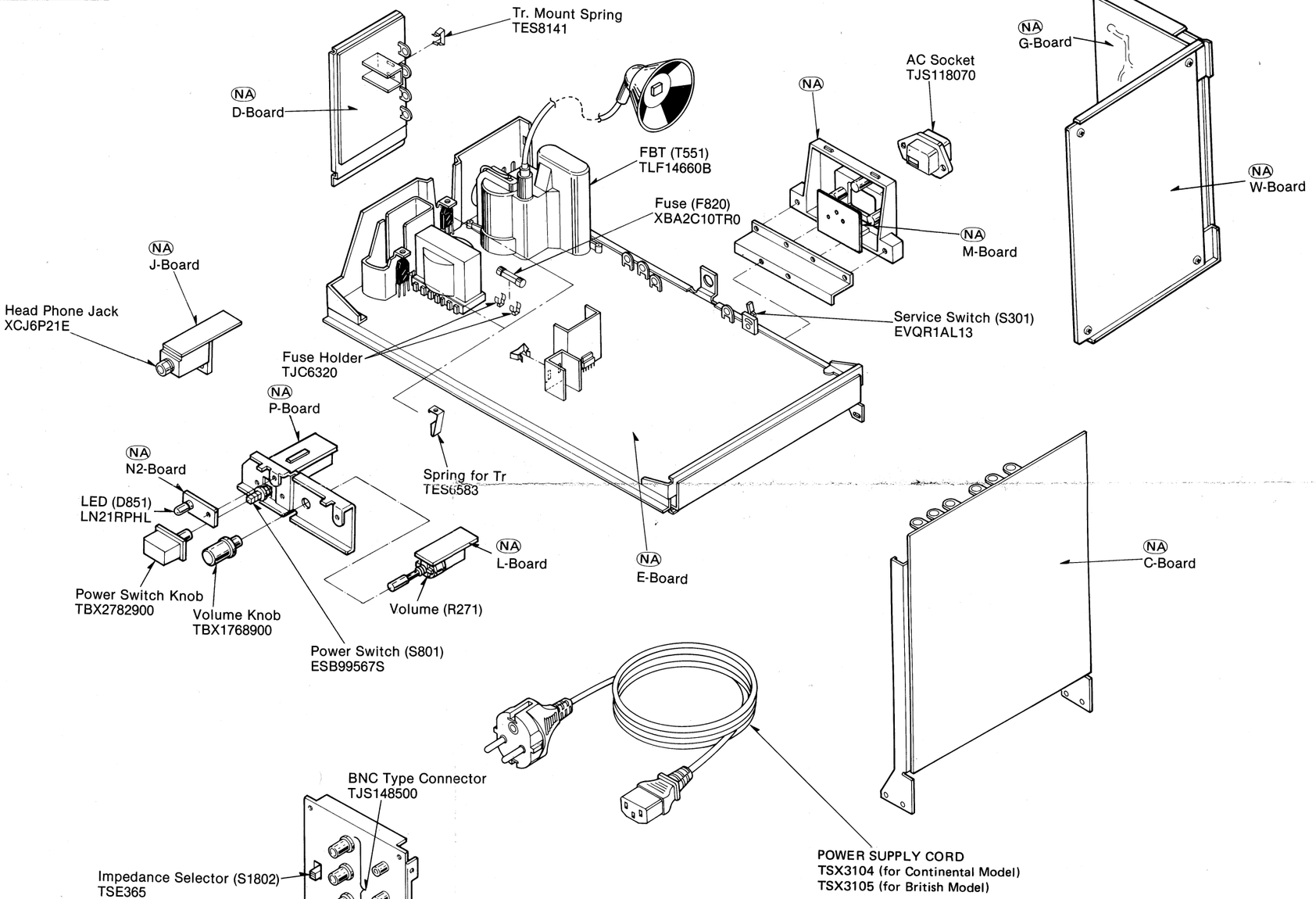
CABINET PARTS

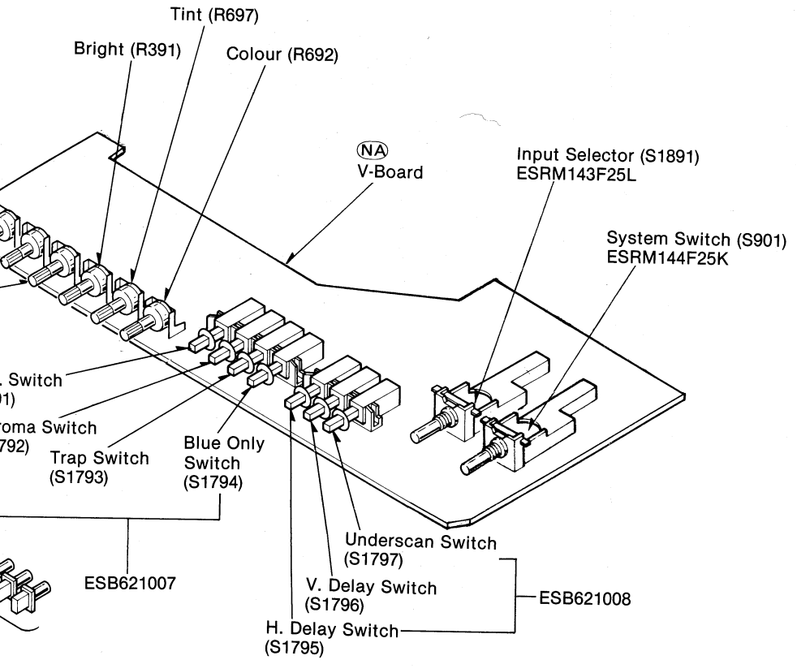


EWS

l with (NA) and placement parts.

CHASSIS PARTS





ABBREVIATION OF PART NAME AND DESCRIPTION

RESISTOR

PART NAME & DESCRIPTION			
TYPE		ALLOWANCE	
C	Carbon	F	± 1%
F	Fuse	J	± 5%
M	Metal Oxide	K	± 10%
S	Solid	M	± 20%
W	Wire Wound	G	± 2%

Part No. Description

Example: ERD25TJ104 (C) 100K (J) 1/4W

CAPACITOR

PART NAME & DESCRIPTION			
TYPE		ALLOWANCE	
C	Ceramic	C	±0.25pF
E	Electrolytic	D	±0.5pF
P	Polyester	F	±1pF
S	Styrol	J	±5%
T	Tantalum	K	±10%
		L	±15%
		M	±20%
		P	+100%–0%
		Z	+80%–20%

Part No. Description

Example: ECKD1H103PF (C) 0.01uF (P), 50V

REPLACEMENT PARTS LIST

Important safety notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Note: TNP65872ZA (E-Board), TNP62488ZA (C-Board), TNP62310 (D-Board), TNP46111AZ (G-Board), TNP55234ZA (J-Board), TNP55235ZA (L-Board), TNP56571ZA (M-Board), TNP56540 (N2-Board), TNP56553ZA (P-Board), TNP46191ZA (V-Board) and TNP46110AB (W-Board) are not available as a complete printed circuit board.

RESISTORS

Ref. No.	Part No.	Description
R203	ERD25TLJ101	C 1000HM, J, 1/4W
R205	ERDS1FJ181	C 1800HM, J, 1/2W
⚠ R206	ERQ2CJP120S	F 120HM, J, 2W
R207	ERD25TLJ472	C 4.7KOHM, J, 1/4W
R208	ERD25TLJ4R7	C 4.70HM, J, 1/4W
R209	ERD25TLJ101	C 1000HM, J, 1/4W
R211	ERD25TLJ182	C 1.8KOHM, J, 1/4W
R216	ERD25TJ560	C 560HM, J, 1/4W
R271	EVJU4A034A14	VOLUME 10KOHMB
R301	ERD25TLJ102	C 1KOHM, J, 1/4W
R302	EVN65AA00B52	SUB CONTRAST 5000HMB
R303	ERD25TLJ101	C 1000HM, J, 1/4W
R304	EVLS0MA00B53	SUB BRIGHT 5KOHMB
R305	ERD25TLJ123	C 12KOHM, J, 1/4W
R306	ERD25TLJ392	C 3.9KOHM, J, 1/4W
R307	ERD25TLJ561	C 5600HM, J, 1/4W
R308	ERD25TLJ331	C 3300HM, J, 1/4W
R309	ERD25TLJ271	C 2700HM, J, 1/4W
R312	ERD25TLJ391	C 3900HM, J, 1/4W
R313	ERD25TLJ392	C 3.9KOHM, J, 1/4W
R314	ERD25TLJ102	C 1KOHM, J, 1/4W
R315	ERD25TLJ562	C 5.6KOHM, J, 1/4W
R322	ERD25TLJ822	C 8.2KOHM, J, 1/4W
⚠ R328	ERQ14AJ100P	F 100HM, J, 1/4W
R341	ERD25TLJ333	C 33KOHM, J, 1/4W
R342	ERD25TLJ822	C 8.2KOHM, J, 1/4W
R343	ERD25TLJ222	C 2.2KOHM, J, 1/4W
R344	ERD25TLJ102	C 1KOHM, J, 1/4W
R345	ERD25TLJ392	C 3.9KOHM, J, 1/4W
R346	ERD25TLJ392	C 3.9KOHM, J, 1/4W
R347	ERD25TJ333	C 33KOHM, J, 1/4W
R348	ERD25TJ562	C 5.6KOHM, J, 1/4W
R349	ERD25TJ331	C 3300HM, J, 1/4W
R351	ERD25TJ121	C 1200HM, J, 1/4W
R352	ERD25TJ121	C 1200HM, J, 1/4W
R353	ERD25TJ271	C 2700HM, J, 1/4W
R354	EVLS3MA00B53	R-LOW LIGHT 5KOHMB
R355	EVLS3MA00B53	B-LOW LIGHT 5KOHMB
R356	EVLS3MA00B53	G-LOW LIGHT 5KOHMB
R360	EVLS3MA00B32	R-DRIVE 3000HMB
R361	EVLS3MA00B32	B-DRIVE 3000HMB
R362	ERD25TJ272	C 2.7KOHM, J, 1/4W
R363	ERD25TJ561	C 5600HM, J, 1/4W
R364	ERD25TJ272	C 2.7KOHM, J, 1/4W
R365	ERD25TJ561	C 5600HM, J, 1/4W
R366	ERD25TJ272	C 2.7KOHM, J, 1/4W
R367	ERD25TJ561	C 5600HM, J, 1/4W
R370	ERC12GK272	S 2.7KOHM, K, 1/2W
R371	ERC12GK272	S 2.7KOHM, K, 1/2W
R373	ERG2ANJ822	M 8.2KOHM, J, 2W
R374	ERG2ANG822	M 8.2KOHM, G, 2W
R375	ERG2ANJ822	M 8.2KOHM, J, 2W
R376	ERC12GK272	S 2.7KOHM, K, 1/2W
R377	ERD25TJ274	C 270KOHM, J, 1/4W
R378	ERD25TJ223	C 22KOHM, J, 1/4W
R379	ERD50FJ101	C 1000HM, J, 1/2W
R386	ERD25TJ332	C 3.3KOHM, J, 1/4W
R387	ERD25TJ473	C 47KOHM, J, 1/4W
R388	ERD25TJ273	C 27KOHM, J, 1/4W
R389	ERD25TJ332	C 3.3KOHM, J, 1/4W
R390	ERD25TJ103	C 10KOHM, J, 1/4W
R391	EVJEBAE04B52	BRIGHT 5000HMB
R392	ERD25TJ272	C 2.7KOHM, J, 1/4W
R393	ERD25TJ333	C 33KOHM, J, 1/4W
R394	EVJEAAE04B15	CONTRAST 100KOHMB
R395	ERD25TJ333	C 33KOHM, J, 1/4W
R396	ERD25TJ823	C 82KOHM, J, 1/4W
R397	ERD25TJ561	C 5600HM, J, 1/4W
R398	EVJECAE04B14	SHARPNESS 10KOHMB
R399	ERD25TJ222	C 2.2KOHM, J, 1/4W
R401	ERD25TLJ471	C 4700HM, J, 1/4W
R402	ERD25TLJ393	C 39KOHM, J, 1/4W
R405	ERD25TLJ684	C 680KOHM, J, 1/4W
R409	ERD25TLJ472	C 4.7KOHM, J, 1/4W
R410	ERD25TLJ562	C 5.6KOHM, J, 1/4W
R411	ERD25TLJ562	C 5.6KOHM, J, 1/4W
R412	EVLS0MA00B25	UNDERSCAN V. HEIGHT 200KOHMB
R413	ERD25TLJ152	C 1.5KOHM, J, 1/4W
R414	ERD25TLJ153	C 15KOHM, J, 1/4W
R415	ERD25TLJ392	C 3.9KOHM, J, 1/4W
R416	ERD25FJ1R5	C 1.50HM, J, 1/4W
R417	ERDS1FJ392	C 3.9KOHM, J, 1/2W
R418	ERD25TLJ122	C 1.2KOHM, J, 1/4W
R419	ERD25TJ102	C 1KOHM, J, 1/4W
R420	ERD25TLJ561	C 5600HM, J, 1/4W
R421	ERD25TLJ153	C 15KOHM, J, 1/4W

Ref. No.	Part No.	Description
R422	ERD25TJ223	C 22KOHM, J, 1/4W
R424	ERD25TLJ562	C 5.6KOHM, J, 1/4W
R425	ERD25TJ562	C 5.6KOHM, J, 1/4W
R426	ERD25TLJ153	C 15KOHM, J, 1/4W
R427	ERD25TLJ103	C 10KOHM, J, 1/4W
R428	ERD25TLJ683	C 68KOHM, J, 1/4W
R432	ERD25TJ101	C 100OHM, J, 1/4W
R491	EVJEAAE04B14	V. HOLD 10KOHMB
R492	ERO25CKF8201	M 8.2KOHM, F, 1/4W
R501	EVLSOMA00B14	H. CENTRE 10KOHMB
R502	ERD25TLJ822	C 8.2KOHM, J, 1/4W
R503	ERD25TLJ273	C 27KOHM, J, 1/4W
R504	ERD25TLJ332	C 3.3KOHM, J, 1/4W
R505	ERO25CKF2551	M2.55KOHM, F, 1/4W
R506	EVLSOMA00B13	H. HOLD 1KOHMB
⚠ R507	ERD25TLJ223	C 22KOHM, J, 1/4W
⚠ R508	ERO25CKF2002	M 20KOHM, F, 1/4W
⚠ R509	ERO25CKF1873	M 187KOHM, F, 1/4W
R510	ERG2SJ103H	M 10KOHM, J, 2W
R511	ERD25TLJ471	C 470OHM, J, 1/4W
R512	ERD25TLJ221	C 220OHM, J, 1/4W
⚠ R513	ERQ1CJP681S	F 680OHM, J, 1W
R514	ERG2SJ392H	M 3.9KOHM, J, 2W
⚠ R515	ERQ5CSJ6R8	F 6.8OHM, J, 5W
R516	ERDS1FJ331	C 330OHM, J, 1/2W
R517	ERD25TLJ272	C 2.7KOHM, J, 1/4W
R540	ERD25TLJ394	C 390KOHM, J, 1/4W
R541	ERD25TLJ103	C 10KOHM, J, 1/4W
R545	ERD25TLJ823	C 82KOHM, J, 1/4W
R546	ERD25TLJ562	C 5.6KOHM, J, 1/4W
R552	ERD25TJ104	C 100KOHM, J, 1/4W
R553	ERD25TLJ223	C 22KOHM, J, 1/4W
⚠ R554	ERQ2CJP3R9S	F 3.9OHM, J, 2W
⚠ R555	ERQ12HJ4R7P	F 4.7OHM, J, 1/2W
R557	ERDS1TJ105	C 1MOHM, J, 1/2W
R559	ERG1SJ102P	M 1KOHM, J, 1W
R560	ERD25TLJ221	C 220OHM, J, 1/4W
R561	ERG3ANJ122H	M 1.2KOHM, J, 3W
R601	ERD25TLJ221	C 220OHM, J, 1/4W
R603	EVN65AA00B33	DL ADJ. 3KOHMB
R605	ERD25TLJ391	C 390OHM, J, 1/4W
R606	ERD25TLJ391	C 390OHM, J, 1/4W
R607	ERD25TLJ224	C 220KOHM, J, 1/4W
R611	ERD25TLJ822	C 8.2KOHM, J, 1/4W

Ref. No.	Part No.	Description
R612	EVN65AA00B15	SUB COLOUR 100KOHMB
R613	EVN65AA00B54	PAL SUB COLOUR 50KOHMB
R615	EVN65AA00B14	APC 10KOHMB
R618	ERD25TLJ822	C 8.2KOHM, J, 1/4W
⚠ R619	ERQ14AJ100P	F 10OHM, J, 1/4W
R620	ERD25TLJ822	C 8.2KOHM, J, 1/4W
R621	ERD25TLJ222	C 2.2KOHM, J, 1/4W
R622	ERD25TLJ181	C 180OHM, J, 1/4W
R623	ERD25TLJ181	C 180OHM, J, 1/4W
R624	ERD25TLJ181	C 180OHM, J, 1/4W
R626	ERD25TJ152	C 1.5KOHM, J, 1/4W
R629	ERD25TLJ104	C 100KOHM, J, 1/4W
R631	ERD25TLJ221	C 220OHM, J, 1/4W
R632	ERD25TLJ125	C 1.2MOHM, J, 1/4W
R633	ERD25TLJ471	C 470OHM, J, 1/4W
R634	ERD25TLJ103	C 10KOHM, J, 1/4W
R635	ERD25TLJ103	C 10KOHM, J, 1/4W
R641	ERD25TLJ821	C 820OHM, J, 1/4W
R642	ERD25TLJ332	C 3.3KOHM, J, 1/4W
R643	ERD25TJ562	C 5.6KOHM, J, 1/4W
R644	ERD25TLJ392	C 3.9KOHM, J, 1/4W
R645	ERD25TLJ393	C 39KOHM, J, 1/4W
R646	ERD25TLJ122	C 1.2KOHM, J, 1/4W
R651	ERD25TJ102	C 1KOHM, J, 1/4W
R652	ERD25TJ472	C 4.7KOHM, J, 1/4W
R653	ERD25TJ562	C 5.6KOHM, J, 1/4W
R654	ERD25TJ821	C 820OHM, J, 1/4W
R655	ERD25TJ331	C 330OHM, J, 1/4W
R656	ERD25TJ222	C 2.2KOHM, J, 1/4W
R657	ERD25TJ561	C 560OHM, J, 1/4W
R658	EVN65AA00B23	SECAM DL ADJ 2KOHMB
R659	ERD25TJ221	C 220OHM, J, 1/4W
R660	ERD25TJ221	C 220OHM, J, 1/4W
R661	EVN65AA00B53	R-Y GAIN 5KOHMB
R662	ERD25TJ272	C 2.7KOHM, J, 1/4W
R663	ERD25TJ331	C 330OHM, J, 1/4W
R664	ERD25TJ821	C 820OHM, J, 1/4W
R665	ERD25TJ391	C 390OHM, J, 1/4W
R666	ERD25TJ681	C 680OHM, J, 1/4W
R667	ERD25TJ392	C 3.9KOHM, J, 1/4W
R668	ERD25TJ684	C 680KOHM, J, 1/4W
R669	EVN65AA00B53	B-Y GAIN 5KOHMB
R670	ERD25TJ272	C 2.7KOHM, J, 1/4W
R671	ERD25TJ391	C 390OHM, J, 1/4W
R672	ERD25TJ391	C 390OHM, J, 1/4W
R673	ERD25TJ391	C 390OHM, J, 1/4W
R674	ERD25TJ562	C 5.6KOHM, J, 1/4W

Ref. No.	Part No.	Description
R675	ERD25TJ682	C 6.8KOHM, J, 1/4W
R676	ERD25TJ562	C 5.6KOHM, J, 1/4W
R677	ERD25TJ682	C 6.8KOHM, J, 1/4W
R678	ERD25TJ391	C 390OHM, J, 1/4W
R679	ERD25TJ682	C 6.8KOHM, J, 1/4W
R684	ERD25TJ181	C 180OHM, J, 1/4W
R686	ERD25TJ182	C 1.8KOHM, J, 1/4W
R690	ERD25TJ331	C 330OHM, J, 1/4W
R691	ERD25TJ153	C 15KOHM, J, 1/4W
R692	EVJEAAE04B15	COLOUR 100KOHMB
R693	ERD25TJ102	C 1KOHM, J, 1/4W
R694	ERD25TJ561	C 560OHM, J, 1/4W
R695	ERD25TJ103	C 10KOHM, J, 1/4W
R696	ERD25TJ273	C 27KOHM, J, 1/4W
R697	EVJEAAE04B14	TINT 10KOHMB
R698	ERD25TJ331	C 330OHM, J, 1/4W
R699	ERD25TJ123	C 12KOHM, J, 1/4W
R751	ERD25TJ103	C 10KOHM, J, 1/4W
R752	ERD25TJ124	C 120KOHM, J, 1/4W
R753	ERD25TJ823	C 82KOHM, J, 1/4W
R754	ERD25TJ473	C 47KOHM, J, 1/4W
R755	ERD25TJ473	C 47KOHM, J, 1/4W
R756	ERD25TJ103	C 10KOHM, J, 1/4W
R757	ERD25TJ102	C 1KOHM, J, 1/4W
R758	ERD25TJ222	C 2.2KOHM, J, 1/4W
R759	EVLS0MA00B14	UNDERSCAN H. SIZE 10KOHMB
R760	ERD25TJ103	C 10KOHM, J, 1/4W
R761	EVLS0MA00B24	UNDERSCAN PINCUSHION 20KOHMB
R762	ERD25TJ223	C 22KOHM, J, 1/4W
R763	ERD25TJ223	C 22KOHM, J, 1/4W
R764	ERD25TJ102	C 1KOHM, J, 1/4W
R765	EVLS0MA00B14	NORMAL H. SIZE 10KOHMB
R766	ERD25TJ272	C 2.7KOHM, J, 1/4W
R767	ERDS1TJ102	C 1KOHM, J, 1/2W
R768	ERDS1TJ122	C 1.2KOHM, J, 1/2W
R769	ERF5AF120	W 12OHM, 5W
R770	ERD25TJ104	C 100KOHM, J, 1/4W
R771	ERD25TJ104	C 100KOHM, J, 1/4W
R774	ERD25TJ103	C 10KOHM, J, 1/4W
R775	EVLS0MA00B24	NORMAL PINCUSHION 20KOHMB
⚠ R776	ERQ14AJ101	F 100OHM, J, 1/4W
R801	ERF7ZK4R7	W 4.7OHM, K, 7W
R802	ERDS1TJ564	C 560KOHM, J, 1/2W
R803	ERD25TLJ391	C 390OHM, J, 1/4W
⚠ R804	ERD25TLJ561	C 560OHM, J, 1/4W
⚠ R805	ER025CKF2001	M 2KOHM, F, 1/4W
⚠ R806	EVN65AA00B52	B+ ADJ. 500OHMB
⚠ R807	ER025CKF1911	M 1910OHM, F, 1/4W
R809	ERG2SJ470H	M 47OHM, J, 2W
R810	ERG1ANJ683H	M 68KOHM, J, 1W
R811	ERW12PKR39	W 0.39OHM, K, 1/2W
⚠ R812	ERQ2CJP1R8S	F 1.8OHM, J, 2W
⚠ R813	ERD75TAJ825	C 8.2MOHM, J, 3/4W
R819	ERD25TLJ101	C 100OHM, J, 1/4W
R823	ERD25TLJ470	C 47OHM, J, 1/4W
⚠ R824	ERQ12HKR22P	F 0.22OHM, K, 1/2W
R901	ERD25TJ123	C 12KOHM, J, 1/4W
R902	ERD25TJ103	C 10KOHM, J, 1/4W
R903	EVN65AA00B15	NTSC V. HOLD 100KOHMB
R904	ERD25TJ103	C 10KOHM, J, 1/4W
R905	EVLS0MA00B55	NTSC UNDERSCAN V. HEIGHT 500KOHMB
R906	ERD25TJ683	C 68KOHM, J, 1/4W
R908	ERD25TJ103	C 10KOHM, J, 1/4W
R909	ERD25TJ823	C 82KOHM, J, 1/4W
R910	ERD25TJ472	C 4.7KOHM, J, 1/4W
R911	ERD25TJ393	C 39KOHM, J, 1/4W
R912	ERD25TJ272	C 2.7KOHM, J, 1/4W
R913	ERD25TJ684	C 680KOHM, J, 1/4W
R914	ERD25TJ273	C 27KOHM, J, 1/4W
R915	ERD25FJ4R7	C 4.7OHM, J, 1/4W
R916	EVLS0MA00B55	NTSC V. HEIGHT 500KOHMB
R917	EVLS0MA00B55	PAL V. HEIGHT 500KOHMB
R918	ERD25TJ104	C 100KOHM, J, 1/4W
R920	ERD25TJ223	C 22KOHM, J, 1/4W
R921	ERD25TJ223	C 22KOHM, J, 1/4W
R922	ERD25TJ562	C 5.6KOHM, J, 1/4W
R923	ERD25TJ332	C 3.3KOHM, J, 1/4W
R924	ERD25TJ562	C 5.6KOHM, J, 1/4W
R927	ERD25TJ472	C 4.7KOHM, J, 1/4W
R930	ERD25TJ153	C 15KOHM, J, 1/4W
R931	ERD25TJ682	C 6.8KOHM, J, 1/4W
R934	ERD25TJ102	C 1KOHM, J, 1/4W
R937	EVN65AA00B35	NTSC H. HOLD 300KOHMB
R952	ERD25TJ122	C 1.2KOHM, J, 1/4W
R953	ERD25TJ752	C 7.5KOHM, J, 1/4W
R954	ERD25TJ392	C 3.9KOHM, J, 1/4W
R955	ERD25TJ392	C 3.9KOHM, J, 1/4W
R956	ERD25TJ562	C 5.6KOHM, J, 1/4W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R957	ERD25TJ182	C 1.8KOHM, J, 1/4W	R1734	ERD25TJ222	C 2.2KOHM, J, 1/4W
R1601	ERD25TJ103	C 10KOHM, J, 1/4W	R1735	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1602	ERD25TJ823	C 82KOHM, J, 1/4W	R1736	ERD25TJ103	C 10KOHM, J, 1/4W
R1604	ERD25TJ102	C 1KOHM, J, 1/4W	R1737	ERD25TJ561	C 560OHM, J, 1/4W
R1608	ERD25TJ152	C 1.5KOHM, J, 1/4W	R1738	ERD25TJ562	C 5.6KOHM, J, 1/4W
R1603	ERD25TJ222	C 2.2KOHM, J, 1/4W	R1739	ERD25TJ222	C 2.2KOHM, J, 1/4W
R1656	ERDS1TJ561	C 560OHM, J, 1/2W	R1740	ERD25TJ104	C 100KOHM, J, 1/4W
R1657	ERDS1TJ561	C 560OHM, J, 1/2W	R1741	ERD25TJ823	C 82KOHM, J, 1/4W
R1661	ERD25TJ471	C 470OHM, J, 1/4W	R1742	ERD25TJ561	C 560OHM, J, 1/4W
R1662	ERD25TJ391	C 390OHM, J, 1/4W	R1743	ERD25TJ104	C 100KOHM, J, 1/4W
R1663	ERD25TJ122	C 1.2KOHM, J, 1/4W	R1744	ERD25TJ152	C 1.5KOHM, J, 1/4W
R1664	ERD25TJ104	C 100KOHM, J, 1/4W	R1745	ERD25TJ392	C 3.9KOHM, J, 1/4W
R1665	ERD25TJ271	C 270OHM, J, 1/4W	R1746	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1667	ERD25TJ101	C 100OHM, J, 1/4W	R1747	ERD25TJ103	C 10KOHM, J, 1/4W
R1668	ERD25TJ223	C 22KOHM, J, 1/4W	R1748	ERD25TJ682	C 6.8KOHM, J, 1/4W
R1669	ERD25TJ102	C 1KOHM, J, 1/4W	R1749	ERD25TJ103	C 10KOHM, J, 1/4W
R1671	ERD25TJ562	C 5.6KOHM, J, 1/4W			
R1672	ERD25TJ103	C 10KOHM, J, 1/4W	R1751	ERD25TJ562	C 5.6KOHM, J, 1/4W
R1673	ERD25FJ560	C 56OHM, J, 1/4W	R1752	ERD25TJ222	C 2.2KOHM, J, 1/4W
R1701	ERD25TJ331	C 330OHM, J, 1/4W	R1753	ERD25TJ562	C 5.6KOHM, J, 1/4W
R1702	ERD25VJ101	C 100OHM, J, 1/4W	R1754	ERD25TJ222	C 2.2KOHM, J, 1/4W
R1704	ERDS1TJ391	C 390OHM, J, 1/2W	R1755	ERD25TJ103	C 10KOHM, J, 1/4W
R1705	ERD25TJ102	C 1KOHM, J, 1/4W	R1757	EVLS0MA00B54	V. DELAY 50KOHMB
R1706	ERD25TJ472	C 4.7KOHM, J, 1/4W	R1758	ERD25TJ473	C 47KOHM, J, 1/4W
R1707	ERD25TJ331	C 330OHM, J, 1/4W	R1760	ERD25TJ222	C 2.2KOHM, J, 1/4W
R1708	ERD25TJ103	C 10KOHM, J, 1/4W	R1761	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1709	ERD25TJ152	C 1.5KOHM, J, 1/4W	R1762	ERD25TJ103	C 10KOHM, J, 1/4W
R1710	ERD25TJ152	C 1.5KOHM, J, 1/4W	R1763	ERD25TJ222	C 2.2KOHM, J, 1/4W
R1711	ERD25TJ562	C 5.6KOHM, J, 1/4W	R1764	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1712	ERD25TJ221	C 220OHM, J, 1/4W	R1765	ERD25TJ103	C 10KOHM, J, 1/4W
R1713	ERD25TJ272	C 2.7KOHM, J, 1/4W	R1766	ERD25TJ561	C 560OHM, J, 1/4W
R1714	ERD25TJ102	C 1KOHM, J, 1/4W	R1767	ERD25TJ274	C 270KOHM, J, 1/4W
R1715	ERD25TJ472	C 4.7KOHM, J, 1/4W	R1768	ERD25TJ332	C 3.3KOHM, J, 1/4W
			R1781	ERD25TJ103	C 10KOHM, J, 1/4W
R1716	ERD25TJ562	C 5.6KOHM, J, 1/4W	R1782	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1718	ERD25TJ561	C 560OHM, J, 1/4W	R1783	ERD25TJ103	C 10KOHM, J, 1/4W
R1719	ERD25TJ152	C 1.5KOHM, J, 1/4W	R1784	ERD25TJ103	C 10KOHM, J, 1/4W
R1720	ERD25TJ561	C 560OHM, J, 1/4W	R1785	ERD25TJ103	C 10KOHM, J, 1/4W
R1721	ERD25TJ103	C 10KOHM, J, 1/4W	R1786	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1722	ERD25TJ124	C 120KOHM, J, 1/4W			
R1724	EVLS0MA00B14	H. DELAY 10KOHMB	R1787	ERD25TJ103	C 10KOHM, J, 1/4W
R1725	ERD25TJ472	C 4.7KOHM, J, 1/4W	R1788	ERD25TJ103	C 10KOHM, J, 1/4W
R1726	ERD25TJ152	C 1.5KOHM, J, 1/4W	R1789	ERD25TJ103	C 10KOHM, J, 1/4W
R1727	ERD25TJ332	C 3.3KOHM, J, 1/4W	R1790	ERD25TJ103	C 10KOHM, J, 1/4W
R1728	ERD25TJ103	C 10KOHM, J, 1/4W	R1791	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1729	ERD25FJ4R7	C 4.7OHM, J, 1/4W	R1792	ERD25TJ103	C 10KOHM, J, 1/4W
R1730	ERD25TJ561	C 560OHM, J, 1/4W	R1793	ERD25FJ4R7	C 4.7OHM, J, 1/4W
R1731	ERD25TJ222	C 2.2KOHM, J, 1/4W	R1795	ERD25TJ331	C 330OHM, J, 1/4W
R1732	ERD25TJ102	C 1KOHM, J, 1/4W	R1796	ERD25TJ331	C 330OHM, J, 1/4W
R1733	EVLS0MA00B53	H. PULSE DELAY 5KOHMB	R1797	ERD25TJ223	C 22KOHM, J, 1/4W

Ref. No.	Part No.	Description
R1798	ERD25TJ223	C 22KOHM, J, 1/4W
R1799	ERD25TJ223	C 22KOHM, J, 1/4W
R1801	ERD25TJ331	C 330OHM, J, 1/4W
R1802	ERD25TJ153	C 15KOHM, J, 1/4W
R1803	ERD25TJ122	C 1.2KOHM, J, 1/4W
R1804	ERD25TJ750	C 75OHM, J, 1/4W
R1805	ERD25TJ393	C 39KOHM, J, 1/4W
R1806	ERD25TJ331	C 330OHM, J, 1/4W
R1807	ERD25TJ153	C 15KOHM, J, 1/4W
R1808	ERD25TJ122	C 1.2KOHM, J, 1/4W
R1809	ERD25TJ393	C 39KOHM, J, 1/4W
R1810	ERD25TJ750	C 75OHM, J, 1/4W
R1811	ERD25TJ331	C 330OHM, J, 1/4W
R1812	ERD25TJ153	C 15KOHM, J, 1/4W
R1813	ERD25TJ393	C 39KOHM, J, 1/4W
R1814	ERD25TJ122	C 1.2KOHM, J, 1/4W
R1815	ERD25TJ750	C 75OHM, J, 1/4W
R1816	ERD25TJ122	C 1.2KOHM, J, 1/4W
R1817	ERD25TJ332	C 3.3KOHM, J, 1/4W
R1818	ERD25TJ224	C 220KOHM, J, 1/4W
R1819	ERD25TJ331	C 330OHM, J, 1/4W
R1820	ERD25TJ331	C 330OHM, J, 1/4W
R1821	ERD25TJ112	C 1.1KOHM, J, 1/4W
R1822	ERD25TJ471	C 470OHM, J, 1/4W
R1824	ERD25TJ750	C 75OHM, J, 1/4W
R1825	ERD25TJ103	C 10KOHM, J, 1/4W
R1826	ERD25TJ471	C 470OHM, J, 1/4W
R1827	ERD25TJ271	C 270OHM, J, 1/4W
R1828	ERD25TJ750	C 75OHM, J, 1/4W
R1829	ERD25TJ103	C 10KOHM, J, 1/4W
R1831	ERD25TJ391	C 390OHM, J, 1/4W
R1840	ERD25TJ750	C 75OHM, J, 1/4W
R1841	ERDS1FJ101	C 100OHM, J, 1/2W
R1842	ERD25TJ223	C 22KOHM, J, 1/4W
R1843	ERD25TJ223	C 22KOHM, J, 1/4W
R1844	ERD25TJ152	C 1.5KOHM, J, 1/4W
R1851	ERD25TJ331	C 330OHM, J, 1/4W
R1852	ERD25TJ683	C 68KOHM, J, 1/4W
R1853	ERD25TJ683	C 68KOHM, J, 1/4W
R1854	ERD25TJ272	C 2.7KOHM, J, 1/4W
R1855	ERD25TJ331	C 330OHM, J, 1/4W
R1856	ERD25TJ683	C 68KOHM, J, 1/4W
R1857	ERD25TJ272	C 2.7KOHM, J, 1/4W
R1858	ERD25TJ183	C 18KOHM, J, 1/4W
R1860	ERD25TJ331	C 330OHM, J, 1/4W
R1861	ERD25TJ683	C 68KOHM, J, 1/4W
R1862	ERD25TJ683	C 68KOHM, J, 1/4W
R1863	ERD25TJ272	C 2.7KOHM, J, 1/4W
R1864	ERD25TJ331	C 330OHM, J, 1/4W
R1865	ERD25TJ331	C 330OHM, J, 1/4W
R1866	ERD25TJ331	C 330OHM, J, 1/4W
R1867	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1868	ERD25TJ562	C 5.6KOHM, J, 1/4W
R1870	ERD25TJ683	C 68KOHM, J, 1/4W
R1871	ERD25TJ683	C 68KOHM, J, 1/4W
R1872	ERD25TJ152	C 1:5KOHM, J, 1/4W
R1873	ERD25TJ101	C 100OHM, J, 1/4W
R1874	ERD25TJ683	C 68KOHM, J, 1/4W
R1875	ERD25TJ683	C 68KOHM, J, 1/4W
R1876	ERD25TJ273	C 27KOHM, J, 1/4W
R1877	ERD25TJ272	C 2.7KOHM, J, 1/4W
R1878	ERD25TJ272	C 2.7KOHM, J, 1/4W
R1879	ERD25TJ152	C 1.5KOHM, J, 1/4W
R1880	ERD25TJ104	C 100KOHM, J, 1/4W
R1881	ERD25TJ103	C 10KOHM, J, 1/4W
R1882	ERD25TJ223	C 22KOHM, J, 1/4W
R1885	ERD25TJ683	C 68KOHM, J, 1/4W
R1886	ERD25TJ101	C 100OHM, J, 1/4W
R1891	ERD25TJ103	C 10KOHM, J, 1/4W
R1892	ERD25TJ103	C 10KOHM, J, 1/4W
R1893	ERD25TJ103	C 10KOHM, J, 1/4W
R1894	ERDS1FJ101	C 100OHM, J, 1/2W
R1901	ERD25TJ103	C 10KOHM, J, 1/4W
R1903	ERD25TJ103	C 10KOHM, J, 1/4W
R1904	ERD25TJ393	C 39KOHM, J, 1/4W
R1905	ERD25TJ103	C 10KOHM, J, 1/4W
R1906	ERD25TJ103	C 10KOHM, J, 1/4W
R1907	ERD25TJ103	C 10KOHM, J, 1/4W
R1908	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1909	ERD25TJ183	C 18KOHM, J, 1/4W
R1910	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1911	ERD25TJ332	C 3.3KOHM, J, 1/4W
⚠R1912	ERQ14AJ330	F 33OHM, J, 1/4W
⚠R1913	ERQ14AJ330	F 33OHM, J, 1/4W
R1914	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1915	EVLS0MA00B14	FF PULSE DELAY 10KOHMB
R1916	ERD25TJ332	C 3.3KOHM, J, 1/4W
R1917	ERD25TJ102	C 1KOHM, J, 1/4W
R1918	ERD25TJ103	C 10KOHM, J, 1/4W
R1920	ERD25TJ103	C 10KOHM, J, 1/4W

Ref. No.	Part No.	Description
R1940	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1943	ERD25TJ223	C 22KOHM, J, 1/4W
R1954	ERD25TJ472	C 4.7KOHM, J, 1/4W
R1955	ERD25TJ272	C 2.7KOHM, J, 1/4W
R1957	ERD25TJ335	C 3.3MOHM, J, 1/4W
	CAPACITORS	
C112	ECKF1H103ZF	C 0.01UF, Z, 50V
C113	ECEA1CU471	E 470UF, 16V
C204	ECEA1HN010S	E 1UF, 50V
C205	ECEA1HU3R3	E 3.3UF, 50V
C206	ECEA1CU330	E 33UF, 16V
C208	ECKF1H103ZF	C 0.01UF, Z, 50V
C209	ECEA1CU331	E 330UF, 16V
C210	ECEA1EU471	E 470UF, 25V
C212	ECEA1HU010	E 1UF, 50V
C214	ECQM1H104KV	P 0.1UF, K, 50V
C215	ECEA1CU471	E 470UF, 16V
C216	ECQM1H683KV	P 0.068UF, K, 50V
C220	ECQM1H104KV	P 0.1UF, K, 50V
C301	ECEA1CN100S	E 10UF, 16V
C302	ECEA1HU3R3	E 3.3UF, 50V
C303	ECEA1HN2R2S	E 2.2UF, 50V
C305	ECEA50HNR22S	E 0.22UF, 50V
C306	ECCF1H470J	C 47PF, J, 50V
C309	ECEA1CU101	E 100UF, 16V
C310	ECEA1HN010S	E 1UF, 50V
C311	ECKF1H103ZF	C 0.01UF, Z, 50V
C334	ECEA1CN470S	E 47UF, 16V
C335	ECCF1H560J	C 56PF, J, 50V
C340	ECKF1H221KB	C 220PF, K, 50V
C342	ECKF1H103ZF	C 0.01UF, Z, 50V
C343	ECEA1HS010	E 1UF, 50V
C351	ECKD3D102KB4	C 1000PF, K, 2KV
C352	ECKF1H561KB	C 560PF, K, 50V
C353	ECKF1H391KB	C 390PF, K, 50V
C354	ECKF1H391KB	C 390PF, K, 50V
C356	ECEA1HS100	E 10UF, 50V
C401	ECEA1HN010S	E 1UF, 50V
C402	ECQM1H122KZ	P 1200PF, K, 50V
C404	ECQM1H333KZ	P 0.033UF, K, 50V
C405	ECSF16E3R3Y	T 3.3UF, 16V
C406	ECEA1CU221	E 220UF, 16V
C407	ECSF16E3R3Y	T 3.3UF, 16V
C409	ECEA1CN101S	E 100UF, 16V
C410	ECEA25Z10	E 10UF, 25V
C411	ECEA1EU222	E 2200UF, 25V
C412	ECEA50Z2R2	E 2.2UF, 50V

Ref. No.	Part No.	Description
C413	ECEA1VU221	E 220UF, 35V
C414	ECEA1VU101	E 100UF, 35V
C415	ECQM1H563KV	P 0.056UF, K, 50V
C416	ECKD2H821KB2	C 820PF, K, 500V
C417	ECQM1473KZ	P 0.047UF, K, 100V
C418	ECEA1HN010S	E 1UF, 50V
C425	ECCF1H121J	C 120PF, J, 50V
C430	ECEA50Z2R2	E 2.2UF, 50V
C501	ECKF1H561KB	C 560PF, K, 50V
C502	ECKF1H391KB	C 390PF, K, 50V
C503	ECQM1H104KV	P 0.1UF, K, 50V
C504	ECQM1H103KZ	P 0.01UF, K, 50V
C505	ECQM1H472KZ	P 4700PF, K, 50V
C506	ECEA1EU4R7	E 4.7UF, 25V
C507	ECQK1782JZ	P 7800PF, J, 100V
C508	ECEA1CU100	E 10UF, 16V
C509	ECEA1CU470	E 47UF, 16V
C510	ECKD2H152KBN	C 1500PF, K, 500V
C511	ECQM1H223KV	P 0.022UF, K, 50V
C540	ECEA1JU100	E 10UF, 63V
⚠ C551	ECKD3D122JBN	C 1200PF, J, 2KV
⚠ C552	ECKD3D122JBN	C 1200PF, J, 2KV
C556	ECEA2ES100	E 10UF, 250V
C557	ECEA160N1	E 1UF, 160V
C558	ECEA1VU471	E 470UF, 35V
C559	ECKD3D821JBN	C 820PF, J, 2KV
⚠ C560	ECQF2H564JZA	P 0.56UF, J, 200V
C561	ECKD2H271KB2	C 270PF, K, 500V
C562	ECKD3D821JBN	C 820PF, J, 2KV
C563	ECKD2H471KB2	C 470PF, K, 500V
⚠ C572	ECKD3D122JBN	C 1200PF, J, 2KV
⚠ C573	ECKD3D122JBN	C 1200PF, J, 2KV
⚠ C574	ECKD3D122JBN	C 1200PF, J, 2KV
⚠ C575	ECKD3D122JBN	C 1200PF, J, 2KV
⚠ C576	ECEA63W10	E 10UF, 63V
⚠ C577	ECQM4332KZ	P 3300PF, K, 400V
⚠ C578	ECQM4332KZ	P 3300PF, K, 400V
C579	ECEA63W4R7	E 4.7UF, 63V
⚠ C580	ECQM4472KZ	P 4700PF, K, 400V
C601	ECCF1H680J	C 68PF, J, 50V
C602	ECCF1H330J	C 33PF, J, 50V
C603	ECCF1H101J	C 100PF, J, 50V
C604	ECCF1H470J	C 47PF, J, 50V
C605	ECQM1H273KZ	P 0.027UF, K, 50V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C606	ECCF1H221J	C 220PF, J, 50V	C680	ECKF1H331KB	C 330PF, K, 50V
C607	ECKF1H103ZF	C 0.01UF, Z, 50V	C681	ECKF1H331KB	C 330PF, K, 50V
C608	ECCF1H221J	C 220PF, J, 50V	C682	ECKF1H331KB	C 330PF, K, 50V
C609	ECCF1H330JC	C 33PF, J, 50V	C684	ECSZ16EF33V	T 33UF, 16V
C610	ECCF1H470JC	C 47PF, J, 50V	C685	ECQM1H104KV	P 0.1UF, K, 50V
			C687	ECCF1H220J	C 22PF, J, 50V
C611	ECEA1HUR47	E 0.47UF, 50V	C689	ECCF1H680J	C 68PF, J, 50V
C614	ECEA50ZR15	E 0.15UF, 50V	C751	ECQM1H104KV	P 0.1UF, K, 50V
C615	ECQM1H822KZ	P 8200PF, K, 50V	C752	ECQM1H104KV	P 0.1UF, K, 50V
C616	ECEA1HN3R3S	E 3.3UF, 50V	C753	ECQM1H474KV	P 0.47UF, K, 50V
C617	ECEA1CU220	E 22UF, 16V	C754	ECCF1H181J	C 180PF, J, 50V
C618	TCBL1E103MR	C 0.01UF, M, 25V	C755	ECEA1EU470	E 47UF, 25V
C619	ECCF1H471J	C 470PF, J, 50V	C756	ECEA1AU471	E 470UF, 10V
C620	ECCF1H471J	C 470PF, J, 50V	C782	ECEA1CU470	E 47UF, 16V
C621	ECCF1H471J	C 470PF, J, 50V	C783	ECEA1VU331	E 330UF, 35V
C622	ECCF1H151J	C 150PF, J, 50V	⚠ C801	ECQE10333MU	P 0.033UF, M, 1KV
C624	ECCF1H221J	C 220PF, J, 50V	⚠ C802	ECQE10333MU	P 0.033UF, M, 1KV
C630	ECKF1H103ZF	C 0.01UF, Z, 50V	⚠ C803	ECKDKS222ZV	C 2200PF, Z,
C652	ECCF1H220J	C 22PF, J, 50V	⚠ C804	ECKDKS222ZV	C 2200PF, Z,
C653	ECCF1H561J	C 560PF, J, 50V	C805	ECKD2H472PU	C 4700PF, P, 500V
C654	ECEA1CS100	E 10UF, 16V	C806	ECKD2H472PU	C 4700PF, P, 500V
C655	ECKF1H103ZF	C 0.01UF, Z, 50V	C807	ECKD2H472PU	C 4700PF, P, 500V
C656	ECQM1H222KZ	P 2200PF, K, 50V	C808	ECES2GH221	E 220UF, 400V
C658	ECKF1H103ZF	C 0.01UF, Z, 50V	C810	ECQM1H474KZ	P 0.47UF, K, 50V
C660	ECQM1H103KV	P 0.01UF, K, 50V	C811	ECKD3D471KBN	C 470PF, K, 2KV
C661	ECCF1H121JC	C 120PF, J, 50V	C812	ECQM1H103KZ	P 0.01UF, K, 50V
C662	ECCF1H180J	C 18PF, J, 50V	⚠ C813	ECKDKS472ZV	C 4700PF, Z,
C663	ECCF1H151J	C 150PF, J, 50V	⚠ C814	ECKDKS472ZV	C 4700PF, Z,
C664	ECEA1ES4R7	E 4.7UF, 25V	C815	ECKD2H472PU	C 4700PF, P, 500V
C665	ECEA1HS010	E 1UF, 50V	C817	ECKD2H102KB2	C 1000PF, K, 500V
C666	ECCF1H101J	C 100PF, J, 50V	C819	ECKF1H103ZF	C 0.01UF, Z, 50V
C667	ECKF1H103ZF	C 0.01UF, Z, 50V	C820	ECES2CV221S	E 220UF, 160V
C668	ECKF1H103ZF	C 0.01UF, Z, 50V	C821	ECEA1EU102	E 1000UF, 25V
C669	ECKF1H102KB	C 1000PF, K, 50V	C822	ECEA1CU100	E 10UF, 16V
C670	ECCF1H121JC	C 120PF, J, 50V	C823	ECKD3D821JBN	C 820PF, J, 2KV
C671	ECKF1H102KB	C 1000PF, K, 50V	C826	ECKD2H102KB2	C 1000PF, K, 500V
C672	ECQM1H474KV	P 0.47UF, K, 50V	C829	ECQM1H562KZ	P 5600PF, K, 50V
C673	ECCF1H121JC	C 120PF, J, 50V			
C674	ECQM1H103KV	P 0.01UF, K, 50V	C903	ECQM1H473KV	P 0.047UF, K, 50V
C675	ECQM1H103KV	P 0.01UF, K, 50V	C904	ECEA1CS100	E 10UF, 16V
C676	ECEA1HS010	E 1UF, 50V	C905	ECEA1CS100	E 10UF, 16V
C677	ECCF1H221J	C 220PF, J, 50V	C907	ECKF1H681KB	C 680PF, K, 50V
C678	ECCF1H220J	C 22PF, J, 50V	C910	ECQM1H393KV	P 0.039UF, K, 50V
C679	ECEA1ES4R7	E 4.7UF, 25V	C913	ECQM1H183KV	P 0.018UF, K, 50V

Ref. No.	Part No.	Description
C1601	ECEA1CS100	E 10UF, 16V
C1661	ECCF1H151J	C 150PF, J, 50V
C1662	ECCF1H680JC	C 68PF, J, 50V
C1663	ECCF1H680JC	C 68PF, J, 50V
C1701	ECCF1H270J	C 27PF, J, 50V
C1703	ECCF1H221J	C 220PF, J, 50V
C1704	ECEA1HNR47S	E 0.47UF, 50V
C1706	ECCF1H471J	C 470PF, J, 50V
C1709	ECQM1H392JZ	P 3900PF, J, 50V
C1710	ECCF1H471J	C 470PF, J, 50V
C1711	ECEA1CS100	E 10UF, 16V
C1712	ECKF1H103ZF	C 0.01UF, Z, 50V
C1713	ECQM1H472JZ	P 4700PF, J, 50V
C1714	ECQM1H102KZ	P 1000PF, K, 50V
C1715	ECCF1H270J	C 27PF, J, 50V
C1717	ECKF1H331KB	C 330PF, K, 50V
C1718	ECKF1H103ZF	C 0.01UF, Z, 50V
C1719	ECKF1H103ZF	C 0.01UF, Z, 50V
C1720	ECCF1H331J	C 330PF, J, 50V
C1721	ECKF1H103ZF	C 0.01UF, Z, 50V
C1726	ECKF1H103ZF	C 0.01UF, Z, 50V
C1727	ECEA1CU331	E 330UF, 16V
C1751	ECQM1H102KZ	P 1000PF, K, 50V
C1752	ECQM1H103KV	P 0.01UF, K, 50V
C1753	ECQM1H124JZ	P 0.12UF, J, 50V
C1754	ECQM1H223KV	P 0.022UF, K, 50V
C1756	ECKF1H103ZF	C 0.01UF, Z, 50V
C1757	ECKF1H103ZF	C 0.01UF, Z, 50V
C1759	ECQM1H223KV	P 0.022UF, K, 50V
C1760	ECKF1H103ZF	C 0.01UF, Z, 50V
C1761	ECEA1CS100	E 10UF, 16V
C1762	ECKF1H391KB	C 390PF, K, 50V
C1763	ECEA1CS470	E 47UF, 16V
C1764	ECCF1H101J	C 100PF, J, 50V
C1765	ECQM1H103KV	P 0.01UF, K, 50V
C1766	ECKF1H271KB	C 270PF, K, 50V
C1767	ECQM1H182JZ	P 1800PF, J, 50V
C1780	ECEA1CU330	E 33UF, 16V
C1781	ECEA1CU330	E 33UF, 16V
C1799	ECCF1H221J	C 220PF, J, 50V
C1801	ECEA1CN470S	E 47UF, 16V
C1802	ECEA1CN470S	E 47UF, 16V
C1803	ECEA1CN470S	E 47UF, 16V
C1804	ECEA1CS100	E 10UF, 16V
C1805	ECEA1AS102	E 1000UF, 10V
C1806	ECEA1AS102	E 1000UF, 10V
C1807	ECEA1CS100	E 10UF, 16V
C1828	ECEA1CS101	E 100UF, 16V
C1829	ECEA1CS221	E 220UF, 16V
C1830	ECEA1HS010	E 1UF, 50V
C1841	ECKD1H561KB	C 560PF, K, 50V
C1842	ECKD1H561KB	C 560PF, K, 50V
C1843	ECKD1H561KB	C 560PF, K, 50V
C1851	ECEA1HN010S	E 1UF, 50V
C1852	ECEA1HN010S	E 1UF, 50V
C1853	ECEA1HN010S	E 1UF, 50V
C1854	ECEA1HN010S	E 1UF, 50V
C1856	ECEA1HS010	E 1UF, 50V
C1857	ECEA1HS010	E 1UF, 50V
C1858	ECEA1CS470	E 47UF, 16V
C1861	ECEA1HN010S	E 1UF, 50V
C1891	ECKF1H103ZF	C 0.01UF, Z, 50V
C1951	ECKF1H103ZF	C 0.01UF, Z, 50V

COILS

L301	TLK150868	DELAY LINE
L302	TLX220J176C	PEAKING COIL 22U
L303	TSC925-4	CHOKE COIL
L401	TLT151K991K	PEAKING COIL 150U
L402	TLQ082K126	PEAKING COIL 8.2U
L501	TSC925-4	CHOKE COIL
⚠ L551	TLH6628P	LINEALITY COIL
L553	TSC925-4	CHOKE COIL
L571	TLH13711	CHOKE COIL
L601	TLT150K991K	PEAKING COIL 15U
L602	TLT120K991K	PEAKING COIL 12U
L604	TLK158066	DL MATCHING TRANS.
L605	TLQ082J205C	PEAKING COIL 8.2U
L606	EFDEN645A11G	DELAY LINE
L607	TLT512J166C	PEAKING COIL 5.1M
L651	TLQ047K126C	PEAKING COIL 4.7U
L652	TLK155053	CHROMA TRANS.
L655	TLK61008	HI-PEAKER TRANS.
L656	TLT150K991K	PEAKING COIL 15U
L657	TLQ100K205C	PEAKING COIL 10U

Ref. No.	Part No.	Description
L658	TLQ082J205C	PEAKING COIL 8.2U
L659	TLK61008	HI-PEAKER TRANS.
L660	TLK61008	HI-PEAKER TRANS.
L661	TLT150K991K	PEAKING COIL 15U
L662	EFDEN645A11G	DELAY LINE
L663	TLT220K991K	PEAKING COIL 22U
L664	TSC925-4	CHOKE COIL
L665	TSC925-4	CHOKE COIL
⚠ L801	TLP6559E	LINE FILTER
⚠ L802	TLP15560E	LINE FILTER COIL
L820	TSC925-4	CHOKE COIL
L821	TSC930-4	CHOKE COIL
L822	TLT681K991K	PEAKING COIL 680U
L1661	TLT220K991K	PEAKING COIL 22U
L1662	TLK61008	HI-PEAKER TRANS.
L1701	TLT560K991K	PEAKING COIL 56U
L1801	TSC925-4	CHOKE COIL
LC651	TLK66056-1	CHROMA TRANS.
LC1661	TLK66056-1	CHROMA TRANS.
TRANSFORMERS		
T501	TLH6476	H.DRIVE TRANS.
⚠ T551	TLF14660B	FLYBACK TRANS.
⚠ T801	TLP15796	CHOPPER TRANS.
DIODES		
D302	MA150	DIODE
D391	MA150	DIODE
D401	TVSEM1Z	DIODE
⚠ D501	TVSQA211M	ZENER DIODE
D502	TVSES1	DIODE
D503	TVSES1	DIODE
D540	TVSQA235C	ZENER DIODE
⚠ D571	TVSC2715M	DIODE
⚠ D572	TVSB2404C	DIODE
⚠ D573	TVSC2715M	DIODE
D601	MA161	DIODE
D602	0A90A-G	DIODE
D603	TVSEM1Z	DIODE
D604	MA150	DIODE
D651	MA154WK	DIODE
D653	0A90AM	DIODE
D654	0A90A-G	DIODE

Ref. No.	Part No.	Description
D691	TVSQA206M	ZENER DIODE
D751	MA27WA	DIODE
D752	MA150	DIODE
D801	TVSRM10B	DIODE
D802	TVSRM10B	DIODE
D803	TVSRM10B	DIODE
D804	TVSRM10B	DIODE
D805	ERPF5B0N120G	POSISTOR
D806	ERZC10DK621	VARISTOR
D807	TVSES1Z	DIODE
D808	TVSES1C	DIODE
⚠ D810	TVSQA206D	ZENER DIODE
D811	TVSEH1Z	DIODE
D814	TVSC2408M	DIODE
D820	TVSC2408M	DIODE
D821	TVSRU2AM	DIODE
D823	TVSQA212A	ZENER DIODE
D824	TVSSR2KN	DIODE
D851	LN21RPHL	LED (RED)
D901	MA150	DIODE
D903	MA150	DIODE
D904	MA154WK	DIODE
D905	MA154WK	DIODE
D908	MA150	DIODE
D909	MA150	DIODE
D910	0A91A	DIODE
D1601	0A90A-G	DIODE
D1701	0A90AM	DIODE
D1703	0A90AM	DIODE
D1704	TVSRD3.0EB2Z	ZENER DIODE
D1706	0A90AM	DIODE
D1712	TVSQA211N1	ZENER DIODE
D1713	MA27WA	DIODE
D1714	MA161	DIODE
D1715	MA150	DIODE
D1716	MA154WK	DIODE
D1717	MA150	DIODE
D1718	TVSRD3.0EL	ZENER DIODE
D1753	MA150	DIODE
D1754	0A90AM	DIODE
D1756	MA150	DIODE
D1780	MA150	DIODE
D1801	MA150	DIODE
D1802	MA150	DIODE
D1803	MA150	DIODE

Ref. No.	Part No.	Description
D1805	0A90A-G	DIODE
	I. C.	
IC201	AN5256	AUDIO
IC301	AN5615	VIDEO
IC401	AN5521	V. OUT
⚠IC501	AN5435	JUNGLE
IC601	AN5625	PAL / NTSC
IC651	AN5635E	SECAM
IC901	AN5640	SYSTEM SW
IC1701	TVSTC4066BP	SYNC, V. DELAY SWITCH
IC1703	TVSTC4066BP	H. DELAY SWITCH
IC1751	TVSM51841P	V. DELAY
IC1752	TVSM51841P	H. DELAY
IC1753	TVSM51841P	H. DELAY
IC1754	TVSM51841P	H. PULSE DELAY
IC1801	TVSTC4066BP	VIDEO SW.
IC1802	TVSTC4066BP	AUDIO SW.
	TRANSISTORS	
Q301	2SA719-S	BUFFER
Q332	2SC1685-R	BUFFER
Q333	2SC1685-R	BUFFER
Q351	2SC2923RL	R–DRIVE
Q352	2SC2923RL	B–DRIVE
Q353	2SC2923RL	G–DRIVE
Q391	2SA564-R	SWITCHING (BRIGHT)
Q401	2SC1318-R	SWITCHING
Q501	2SC1573AH	H. DRIVE
Q540	2SA564A-R	PROTECTOR
Q551	2SD1291	H. OUT
Q601	UN1212	BURST CLIP
Q602	2SA564-R	APC SWITCH
Q651	2SC1685-R	BUFFER
Q652	2SA564-R	G–Y SWITCH
Q653	2SA564-R	R–Y SWITCH
Q691	2SC1684-R	BUFFER
Q751	2SC1685-R	PINCUSHION CORRECTOR
Q752	2SA564A-R	SWITCHING (H. SIZE)
Q753	2SD401	SWITCHING (H. SIZE)
Q754	2SC1685-R	SWITCHING (H. SIZE)
Q755	2SC1685-R	SWITCHING (H. SIZE)
Q756	2SC1685-R	SWITCHING (H. SIZE)
Q801	2SD1391	SWITCHING REG.

Ref. No.	Part No.	Description
Q802	2SC1383NC	REGULATOR
Q803	2SA900	COMPARATOR
Q804	2SC1685-R	COMPARATOR
Q820	2SC1983	+12V REGULATOR
Q821	2SK246GR	REGULATOR
Q901	2SC1685-R	SWITCHING (V. HEIGHT)
Q902	2SC1685-R	BUFFER
Q903	2SA564A-R	SWITCHING (V. HEIGHT)
Q904	2SC1685-R	SWITCHING (V. HEIGHT)
Q905	2SA564A-R	SWITCHING (V. HEIGHT)
Q1601	2SC1684-R	EXT. SYNC AMP.
Q1661	2SC1685-R	BUFFER
Q1662	2SC1685-R	TRAP SWITCH
Q1663	2SC1685-R	TRAP SWITCH
Q1664	2SC1685-R	BUFFER
Q1701	2SC1684-R	BUFFER
Q1702	2SC1684-R	SYNC SEPARATOR
Q1703	2SC1684-R	SYNC AMP.
Q1704	2SC1684-R	BUFFER
Q1705	2SA564-R	SUNC SEPARATOR
Q1706	2SA564-R	BUFFER
Q1707	2SA564-R	H. SYNC SEPARATOR
Q1708	2SA564-R	H. SYNC AMP.
Q1709	2SC1684-R	BUFFER
Q1710	2SA564-R	H. PULSE AMP.
Q1711	2SC1684-R	BUFFER
Q1712	2SC1684-R	TINT CORRECTOR
Q1713	2SC1684-R	CLAMP PULSE SHAPER
Q1714	2SA564-R	CLAMP PULSE SWITCH
Q1715	2SC1684-R	V. SYNC AMP
Q1751	2SA564-R	V. SYNC SEPARATOR
Q1752	2SA564-R	V. SYNC PULSE SHAPER
Q1753	2SC1684-R	V. SYNC AMP.
Q1781	2SA564-R	V. DELAY SWITCH
Q1782	2SA564-R	EXT. SYNC SWITCH
Q1783	2SA564-R	H. DELAY SWITCH
Q1784	2SC1684-R	H. SYNC AMP.
Q1785	2SC1684-R	H. SYNC AMP.
Q1786	2SC1684-R	H. SYNC AMP.
Q1787	2SC1684-R	H. PULSE SHAPER
Q1788	2SC1684-R	H. PULSE AMP.
Q1789	2SA564-R	H. PULSE SHAPER
Q1791	2SC1684-R	H. PULSE AMP.

Ref. No.	Part No.	Description
Q1801	2SC1684-R	BUFFER
Q1802	2SC1684-R	BUFFER
Q1803	2SC1684-R	BUFFER
Q1804	2SA564-R	VIDEO AMP.
Q1805	2SC1684-R	VIDEO AMP.
Q1806	2SC1684-R	BUFFER
Q1807	2SC1317-R	BUFFER
Q1808	2SC1317-R	BUFFER
Q1809	2SC1684-R	VTR SWITCH
Q1851	2SC1684-R	BUFFER
Q1852	2SC1684-R	BUFFER
Q1853	2SC1684-R	BUFFER
Q1854	2SC1684-R	AUDIO AMP.
Q1855	2SC1684-R	BUFFER
Q1856	2SC1684-R	BUFFER

OTHERS

	EAS8P47SC	SPEAKER
⚠	M48JFB09X	PICTURE TUBE
	TBL131303	SET LEG
⚠	TBM14008	MODEL NAME PLATE
	TBX1351300	KNOB (INPUT SELECTOR/ SYSTEM SWITCH)
	TBX1768900	VOLUME KNOB
	TBX2782900	POWER SWITCH KNOB
	TBX2783100	SELECT BUTTON
	TEK17902	DOOR LOCK SWITCH
	TES4223	SPRING
	TES6583	SPRING FOR TR
	TES8141	TR MOUNT SPRING
	TJC6320	FUSE HOLDER
⚠	TJS118070	AC SOCKET
	TJS148480	8-PIN VTR CONNECTOR
	TJS148500	BNC-TYPE CONNECTOR
	TJS168051	5P SHORT PLUG
	TJS168960	2P CONNECTOR
	TJS168970	3P CONNECTOR
	TJS168980	4P CONNECTOR
	TJS168990	5P CONNECTOR
	TJS169010	CONNECTOR
	TJS169020	8P CONNECTOR
	TJS169030	10P CONNECTOR
	TJS35030	CRT SOCKET
	TKC131114	BODY

Ref. No.	Part No.	Description
	TKE130800-1	ESCUTCHEON
	TKK179561-2	CHASSIS GUIDE
	TKK69221-6	HANDLE
	TKP1310311-4	BOTTOM DOOR (R)
	TKP1310321-1	BOTTOM DOOR (L)
	TKR13970	MOUNT PIECE
	TKR13980	MOUNT PIECE
	TKU131300	REAR COVER
	TLC2024-2S	CONVERGENCE YOKE
⚠	TLK139001	DEGAUSSING COIL
⚠	TLY16335F	DEFLECTION YOKE
	TMM15202	CRT SOCKET COVER
	TMM15525	RUBBER CUSHION
	TMM17514	RUBBER WEDGE
	TMM17553	DY WEDGE
⚠	TNP40971ZA	CIRCUIT BOARD Y
⚠	TNP46110AB	CIRCUIT BOARD W
	TNP46111AZ	CIRCUIT BOARD G
⚠	TNP46191ZA	CIRCUIT BOARD V
⚠	TNP55234ZA	CIRCUIT BOARD J
	TNP55235ZA	CIRCUIT BOARD L
	TNP56540	CIRCUIT BOARD N2
	TNP56553ZA	CIRCUIT BOARD P
⚠	TNP56571ZA	CIRCUIT BOARD M
⚠	TNP62310	CIRCUIT BOARD D
⚠	TNP62488ZA	CIRCUIT BOARD C
⚠	TNP65872ZA	CIRCUIT BOARD E
	TPC134011	OUTER CARTON
	TPD131037-1	CUSHION (UPPER)
	TPD192214-1	CUSHION (BOTTOM)
	TPE14706-1	SET COVER
⚠	TQB610897	INSTRUCTHION BOOK
⚠	TSX3104	POWER SUPPLY CORD
⚠	TSX3105	POWER SUPPLY CORD (for British Model)
	TXFMK01H55	MAGNET
	XCJ6P21E	HEAD PHONE JACK
	XWG6J20	WASHER
C1	TXAJTC1NUZ	CONNECTOR,C1
C2	TXAJTC2NUZ	CONNECTOR,C2
C3	TXAJTC3NUZ	CONNECTOR,C3
C4	TXAJTC4NUZ	CONNECTOR,C4
C5	TZS9001	4P COUPLER KIT
C6	TZS9001	4P COUPLER KIT
D1	TZS9020	6P CONNECTOR KIT
D2	TXAJTD2NUZ	CONNECTOR,D2

BT-D2000PSN

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
E1	TXAJTE1NUZ	CONNECTOR,E1			
E4	TXAJTE4NUZ	CONNECTOR,E4			
E5	TXAJTE5NUZ	CONNECTOR,E5			
E6	TXAJTE6NUZ	CONNECTOR,E6			
E7	TXAJTE7NUZ	CONNECTOR,E7			
E8	TXAJTE8NUZ	CONNECTOR,E8			
E9	TXAJTE9NUZ	CONNECTOR,E9			
E10	TXAJTE10NUZ	CONNECTOR,E10			
E12	TXAJTE12NUZ	CONNECTOR,E12			
E15	TXAJTE15NUZ	CONNECTOR,E15			
E20	TXAJTE20NUZ	CONNECTOR,E20			
P1	TZS9001	4P COUPLER KIT			
W2	TXAJTW2NUZ	CONNECTOR,W2			
⚠ F801	XBA2C315TR0	FUSE 250V3.15A			
⚠ F820	XBA2C10TR0	FUSE 250V 1A			
S301	EVQR1AL13	SERVICE SWITCH			
S401	EVQR4AL13	V. CENTRE SWITCH			
⚠ S801	ESB99567S	POWER SWITCH			
S901	ESRM144F25K	SYSTEM SWITCH			
S1791	ESB621007	SYNC SWITCH			
S1792		CHROAM SWITCH			
S1793		TRAP SWITCH			
S1794		BLUE ONLY SWITCH			
S1795	ESB621008	H. DELAY SWITCH			
S1796		V. DELAY SWITCH			
S1797		UNDERSCAN SWITCH			
S1801	TSE365	IMPEDANCE SELECTOR (EXT. SYNC)			
S1802	TSE365	IMPEDANCE SELECTOR (LINE 1)			
S1803	TSE365	IMPEDANCE SELECTOR (LINE 2)			
S1891	ESRM143F25L	INPUT SELECTOR			
X601	TSS116M1	CRYSTAL			

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